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STATE LAWS
AND REGULATIONS GOVERNING
TEACHERS' CERTIFICATES

By

KATHERINE M. COOK

SPECIALIST IN RURAL EDUCATION, BUREAU OF EDUCATION



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STATE LAWS AND REGULATIONS GOVERNING TEACHERS' CERTIFICATES.

INTRODUCTORY STATEMENT.

It is the purpose of this study to present information as complete as possible concerning the laws and regulations which govern the issue of teachers' certificates in the United States in so far as they are regulated by State legislation or State administrative departments. Licenses to teach issued by city boards in accordance with regulations prescribed by them are not included in this study; all other licenses to teach in the public schools of the United States are. Diplomas or certified statements of educational institutions which have the force of licenses to teach and such city certificates as are issued according to regulations set forth in the acts of State legislatures concerning other certificates or in rules of State boards of education are included. It is not considered within the scope of this study to analyze the laws relating to city certificates or to set forth the regulations prescribed by city boards of education. Nor is it possible to analyze the regulations governing courses leading to preparation for teaching given by the various institutions or approved by certifying boards or the methods pursued in examining teachers for certification in the different States. The former are given when prescribed by hours and subjects in the law itself or in regulations of the State boards as prepared for distribution. In other cases they are merely referred to as institutions or courses approved by the State department. Examinations are described by subjects and grades usually, or so as to conform with the methods used in the laws or regulations.

The method used to present principal regulations and summary tables follows, in part, that used by the Bureau of Education in previous studies, the last one made in Bulletin No. 18, 1911. This course is followed in order to facilitate comparison by persons interested in the evolution of legal certification in the United States as well as to present the present status of certification. The fundamental purposes of the study are:

- (1) To furnish information concerning legal provisions governing the issuance of certificates to teach in all the States.
- (2) To furnish data for comparison among States and facilitate recognition of certificates in cases in which similar or equivalent qualifications are demanded.

(3) To point out the trend in progressive legislation concerning teachers' certificates and promote standardization for the United States.

(4) To facilitate study and comparison of the standards set up by the several States.

The most important facts relating to teachers' certificates are contained in statements given on pages 39 et seq. These have been examined and corrected by the State departments in all cases. They are corrected to include changes in regulations or legislation up to December 1, 1919, but not later. The terms used are those given in the law or in the regulations of the State board. Licenses, diplomas, permits, and certificates are used in different States. When general reference is made, all are usually referred to as "certificates."

To avoid repetition, the following facts are assumed as universally accepted. Every teacher must be of good moral character. Experience, when required, is assumed to be successful experience. The nature and effects of alcoholic stimulants and narcotics are included in the study of physiology and hygiene. A standard high school is one requiring four years of work beyond the elementary school. A standard normal school requires high-school graduation for entrance and gives two years of work of college grade. A standard college is one which maintains a four-year course and requires the completion of four years of high school for entrance. Approved schools are those which meet requirements of State boards or State departments of education. The terms used in the law are repeated in the outlines as far as possible. In most cases the certificates are arranged according to duration, though there are sometimes exceptions to this. State certificates precede county certificates, which precede local certificates. Supervisory and administration certificates precede high-school certificates, and high-school certificates precede those for elementary schools and kindergartens. Special and temporary certificates usually follow all others.

HISTORICAL SKETCH.

Certifying authority.—The power of certifying teachers was vested in local authorities first in practically all the States. This was indeed a matter of necessity and convenience and followed precedent set by the earliest settlers of New England and New Amsterdam. The early State and county authorities had neither a sufficient number of assistants to carry out such authority if granted, nor traveling allowance and other requisites for effective enforcement of regulations over any extended amount of territory.

New York was among the earliest States to establish State certification, but it did not always exercise the legal authority granted. The authority to issue certificates was given the State superintendent

in 1843. After 1847, when the office of county superintendent was abolished, it was exercised by State and town superintendents. In 1856 certificates were issued by both local school commissioners and the State superintendent, but the latter was empowered to prescribe the regulations under which they were issued. It appears therefore that the power to control certificates was centralized, but the authority was not exercised, extensively at least, until 1888.

Centralization of certification in New York developed about as follows: From 1795 to 1812, qualifications were determined by the town commissioners; 1812 to 1841, the town commissioners and three inspectors examined and licensed teachers; 1841 to 1843, town commissioners and two inspectors performed these duties. From 1843 to 1847, the town superintendent, county superintendent, and State superintendent all were authorized to examine teachers, while from 1847 to 1856, State and town superintendents only controlled certification. From 1856 to 1888, county school commissioners had authority to examine teachers and issue certificates for their districts, while the State superintendent prescribed rules under which they were granted, and issued certificates valid throughout the State. In 1888 the certifying authority was centralized by the State superintendent and the county commissioners, who voluntarily used questions and followed rules prescribed by the State superintendent. In 1894 a law was passed which removed all doubt concerning the authority of the State superintendent in this respect, by prescribing that commissioners examine teachers only under rules prescribed by the State superintendent and with the use of questions furnished by the State department and examined by a board of examiners in the State department. Thus uniformity and centralization were complete. In 1899 the supervision of teachers' classes passed to the State department, thereby centralizing and coordinating all agencies concerned with the preparation and licensing of teachers. Virginia, Montana, and Idaho are other States with similar systems. Some other States, however, accomplish similar results by requiring applicants for certificates to complete "approved" courses in teacher-training institutions, or through representation of the State superintendent on the governing boards of teacher-preparing institutions.

Missouri and Indiana in 1824 legalized the examination of teachers by district visitors and township trustees, respectively. Later, in 1837, Indiana provided by law for "a selective estimate and ranking of teachers of the county by three examiners in each county appointed by the circuit court." In 1847 the State common-school convention "demanded some standard of qualifications and corresponding compensation for teachers of the State." Five years later, under provisions of the law of 1852, the certification of teachers was made one of the duties of the State superintendent of public instruction, to

be performed by himself or deputy. Few deputies were appointed immediately. The law of 1861 modified that of 1852 in such a manner that one examiner was appointed in each county by the board of county commissioners for a term of three years. These officers also granted licenses on public examination, exacting therefor a fee of \$1. In 1873 the county commissioners became—by name and duties prescribed—county superintendents and assumed the responsibility of examining teachers. In Indiana thenceforth the two systems of examination, county and State, developed together; the county superintendent issued certificates of county-wide validity and the State superintendent those which were State-wide.

In Michigan the first law provided that teachers should be examined and certificates given by township boards of school inspectors. These boards were replaced in 1867 by county superintendents. The same law (of 1867) granted authority also to the State superintendent of public instruction to issue certificates good in the State. It was repealed temporarily, but was reestablished in 1897 and still is in operation.

In Pennsylvania the authority to grant certificates was given first to town committees elected by the people in much the same way as and with duties and powers similar to those in New England. This authority was transferred to county and State superintendents in 1854, where it has since remained. These three States, Indiana, Michigan, and Pennsylvania, retain the State and county systems at the present time, though in Indiana the State controls and in Michigan it exercises partial control over the issue of certificates.

Many of the States, particularly the older ones, had a development similar to those given. A few, like Arizona, established State centralization of the certifying powers with Territorial organization. Others are just reaching this period of development after unsatisfactory experience with more localized and less efficient systems. A few States continue the State-county system, and two still give local authorities full power to pass on the qualifications of teachers. In general, the development is about as follows: Beginning with local district or township inspectors or examiners, the certifying power passed into the hands of county superintendents. As State departments of education were definitely established and assumed importance and prestige, more and more educational power was granted them. Higher efficiency and more unified requirements were secured under these new conditions by including among the legal duties of the State department that of granting certificates of State-wide validity, and that of influencing or controlling the whole matter of certifying teachers. The continuous tendency toward centralizing the certifying power from 1898 to 1919 is shown in Table 1, which summarizes information on this subject in this and previous studies made in the Bureau of Education.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES. 9

TABLE 1.—Showing tendency toward centralization of certifying authority in State departments of education.

Kind of system	Number of States			
	1900	1903	1911	1920
State systems (State issues all certificates).....	3	5	15	28
State-controlled systems (State prescribes rules, gives questions, and examines papers; county authorities issue some certificates).	1	(*)	2	7
Semi-State systems (State makes regulations and gives questions; county authorities issue certificates and correct papers).	17	(*)	19	10
State-county systems (both issue certificates; county retains full control over examination for one or more certificates).....	18	(*)	7	3
County system (county issues all certificates).....	4	4	1	0

* Temporary and emergency certificates and permits not included.

† No data.

Qualifications required for certificates.— During the colonial period the requirements for teachers' certificates were very meager and indefinite, though some were always exacted. In New York, during the period of Dutch colonization, teachers were licensed by civil and ecclesiastic authorities. No one was allowed to teach without a license so obtained. During the English control, 1683 to 1689, it was decreed that "no schoolmaster should teach without a license from the Archbishop of Canterbury or from the Bishop of London." That requirements under either régime were not rigid is illustrated by the case of Johannes von Gilder, who was tolerably "well acquainted with reading and writing; so it happened that several of the principal inhabitants advised and encouraged him to open a public school." He then petitioned and was granted the privilege of "keeping school."

In New England, as in New York, the character of the requirements was in some cases purely religious, some special form of religion being a prerequisite. In others, nationality was the determining factor, and in others academic proficiency was the desideratum. In Connecticut and New Jersey it was decreed at least as early as 1714 that selectmen should examine teachers as to their qualifications. Little is said as to the nature of these. The New Hampshire schoolmaster, like that of Massachusetts, must be "discreet of conversation and well versed in tongues." This regulation was in force in 1647.

The Massachusetts law of 1701 required every grammar schoolmaster to be approved by the minister of the town and the ministers of two adjacent towns. According to the law of 1712, schoolmasters must secure the approbation of the selectmen of the town. Later, in 1789, it was required that masters of schools must be graduates of a college or university, though a certificate of proficiency from some learned minister might be taken in lieu of this. Still later, in 1827, a certificate of qualification from the town school committee was necessary before any teacher could be employed. The system of town certification of teachers still prevails in Massachusetts.

When States and Territories were organized, the laws prescribed qualifications more definitely. In New York, from the beginning of its organization as a State, qualifications of some sort were exacted. By the act of 1795 the town commissioners were required to determine qualifications, though these are not specified and were probably left to their own judgment. In 1812 we find that a commission appointed by the governor to report on a system for reorganizing the common schools recommended that, "as an impediment to bad men getting into the schools, it is made the duty of two town inspectors to inquire into the moral and literary qualifications of the candidates for the place of teacher." The legislature in the same year passed a law in accordance with the recommendations which "established the principle that all teachers should possess moral character and certain scholastic qualifications." In 1841, when the county superintendency was established, the county superintendents were required to examine candidates and issue certificates of qualification. Testimonials of moral character and examinations testing ability to teach and "learning" were required. The latter included spelling, arithmetic, geography, history, and English grammar. In 1843 the State superintendent was authorized to issue certificates on "such evidence as may be satisfactory to him." Later it became lawful and customary to issue certificates upon the recommendation of local superintendents and school commissioners. Though the law of 1856 empowered the State superintendent to prescribe rules under which certificates might be issued, the power was not exercised. In 1888 a demand for a change in the existing methods of certifying teachers was caused by the fact that political pressure was being used to secure certificates. It was believed that instituting a definite, uniform method of examination under control of the State department would prove an effectual way of securing higher standards. The use of uniform questions, at first voluntary, was later made obligatory; and subjects, questions, and grades for examination were prescribed by the State superintendent. It is interesting to note that, in the first uniform examination in 1887, not alone questions but answers were furnished, and a circular sent showing the amount of credit to be given for each question. The subjects given were arithmetic, geography, grammar, physiology, general questions, American history, civil government, methods, school law, and algebra. Three grades of certificates were given. The law of 1887 provided for granting certificates to college graduates with experience. The normal diploma had been recognized as a State certificate since 1849, but did not secure exemption from local examinations in all cases.

In Michigan township inspectors licensed teachers until the county superintendency was established in 1867. The law provided that candidates for teachers' certificates should be examined in the

"several branches as usually taught in the primary grades, their moral character and their ability to teach and govern school." No branches or grades of certificates were named, and the opinion of the inspectors was sufficient. In 1867, under the provisions of the county superintendent's law, applicants were required to be examined in orthography, reading, writing, grammar, geography, and arithmetic. Three grades of certificates were granted, good for from six months to one year in the county.

In colonial Pennsylvania, though the custom of employing preachers as teachers and assuming their ability, was quite general, there is one early instance of a license requirement. Thomas Macon in 1693 was "told that he could not keep school without a license and was ordered to procure a certificate of ability, learning, and diligence." The first instance of stipulating subjects for examinations is found in the State law of 1834, according to which no certificate of qualification should be given by the inspectors to any person unless he was found qualified to teach reading, writing, and arithmetic. The Pennsylvania law of 1849 required teachers to hold a certificate enumerating the branches that they were capable of teaching, signed by a majority of the board of directors. These certificates were good for one year and renewable annually. The policy of issuing different grades of certificates of different duration was adopted in 1854 by a committee of county superintendents. The law of 1867 provided that no teacher should receive a certificate who did not possess a fair knowledge of orthography, reading, writing, geography, English grammar, arithmetic, history of United States, and theory and practice of teaching. Wickersham says of this law:

It was not expected that many teachers could pass an examination in the theory of teaching or even that many superintendents should be able to conduct such an examination, but it was thought that the time had come when all concerned in the work of education should begin to study the principles of their profession.

In Indiana the examination given by township trustees covered the subjects of reading, writing, and arithmetic, with an occasional branch added if petitioned by patrons. The test was simple and certificates often might be had for the asking. In theory, the qualification of teachers was recognized. In practice, little discrimination was made. Teachers having been examined "touching their qualifications and particularly as respects their knowledge of the English language, writing and arithmetic," were employed and entered into "articles of agreement." Not until 1865 can it be said that the examining and licensing of teachers received systematic and dignified consideration. In that year the branches in which examinations were required were first specified and the duration of licenses fixed. These were of four grades, good for 6, 12, 18, and 24 months. The six common branches were required by this law: Physiology, history

of the United States; elementary algebra; physical geography and elementary botany; elements of rhetoric and mental and moral science; Constitution of the United States; and the State school law. In 1871 in Indiana the State board of education began the monthly preparation of questions upon the six legal branches and sent copies to the examiners of the several counties for use in the examination of teachers. This practice, while not obligatory, was almost universal. Two grades of State certificates were provided for the first grade, requiring history and zoology, in addition to the requirements for the second grade. In 1883 Indiana provided for a "professional" license, granted upon examination prescribed by the State board. Papers were graded and licenses issued by the State board of education.

These instances are reasonably typical of the development of scholarship requirements for certification in other States. From exceedingly indefinite requirements each State passed first to the stage in which language, writing, and arithmetic were required. Grammar, geography, physiology, United States history, and finally theory and practice of teaching were added as time passed. From the establishment of the first normal school in 1839, professional preparation for teaching became more and more common. Demands were increasing that certificates without examination be given to graduates of professional schools. In some States, Pennsylvania, for example, certificates were granted to normal graduates even before the power of certification was given to the State board or the State superintendent. By 1873 the discussion of such a certificate thought of as a "professional license" had become quite general, and a number of States recognized the demand in certification laws or in practice. The inclusion of the theory and practice of teaching as one of the subjects for examination by Pennsylvania, referred to above, became a custom among many States, and gradually other professional studies were added. The rapid growth of the recognition of professional and academic study as preparation for teaching is shown by the fact that, by 1897, 28 States recognized graduation from normal schools and universities as evidence of qualification for certification without examination. Data are given in Table 2 showing requirements of this nature prescribed by the different States at the time each of four investigations was made by the Bureau of Education.

TABLE 2.—Growth of recognition of academic and professional attainments in legal requirements for certifying teachers.¹

States in which—	1898	1903	1911	1919
Professional training is recognized as basis for granting one or more certificates.....	29	33	42	47
Professional subjects are included in examination for certificates (all grades or lowest grade).....	17	40	42	46
Professional training is prerequisite for certificates of the lowest grade.....	0	0	2	17
Graduation from standard high school ² is prerequisite for certificate of lowest grade.....			1	11
Graduation from high school and some additional professional training is prerequisite for lowest grade certificate.....			1	4

¹ Emergency or temporary certificates are not considered in this table. Certificates deemed of this nature include a "third grade special" certificate in Wisconsin, where the regular third grade certificate requires 6 weeks of professional training; also a third grade "special" certificate issued in Idaho.

² Missouri and Kansas require high-school graduation for some but not the lowest county certificates. The New Jersey law requiring high-school graduation (4 years) did not become effective till 1914, though passed in 1911.

AGENCIES WHICH ISSUE CERTIFICATES.

Teaching certificates are issued by State, county, and local (town, district, or city) authorities. In this study city certificates are not included except when there are direct provisions in the State law or State regulations which govern their issue, and their consideration is not easily separated from that of certificates outside of cities. Regulations governing city certificates are in most cases made by the local boards, and since all can not be included, all are omitted. Temporary and emergency certificates and permits are also omitted from the summaries given below. Considering then the State, county, and township or district certificates (outside of cities), there are the following systems of administrative organization:

1. *State systems*, in which all certificates are issued by State authorities and the State retains control over the whole matter of teacher certification.
2. *State controlled systems*, in which State, county, and district¹ authorities may issue certificates, but the authority governing the issue (including giving questions and examining papers) is retained by the State officials. Local authorities merely issue certificates.
3. *Semi-State systems*, in which States exercise some but not complete control. The State department makes the regulations and gives the questions for examination, but local authorities examine the papers and issue certificates.
4. *State-county systems*, in which the State, county, township, city, and certain district authorities all issue some certificates and govern all or important regulations formulating questions, for example, under which they are granted.
5. *State-local systems*, as in some of the New England States, in which complete power of certification is given to the township school committees as well as to the State department.

¹ New York.

This classification is made with the idea of showing prevalent tendencies toward centralization of certificating powers. In 33 States practically the entire control is with State authorities. In 10 additional States the power to give questions and make regulations is retained by State authorities, but county authorities issue certificates and correct the papers. This arrangement does not result in a uniform State system, since counties may have different standards for grading papers. Uniformity is obtained only when State authorities examine papers as well as give questions and make regulations under which examinations are held and certificates issued. This is illustrated by an experiment made by the Bureau of Education in a State in which the semi-State control system obtains. Several copies of the same reply papers were sent to a number of county superintendents to whom the matter was explained and who were asked to grade the papers as examination papers ordinarily are graded by them. The results of this experiment are shown below.

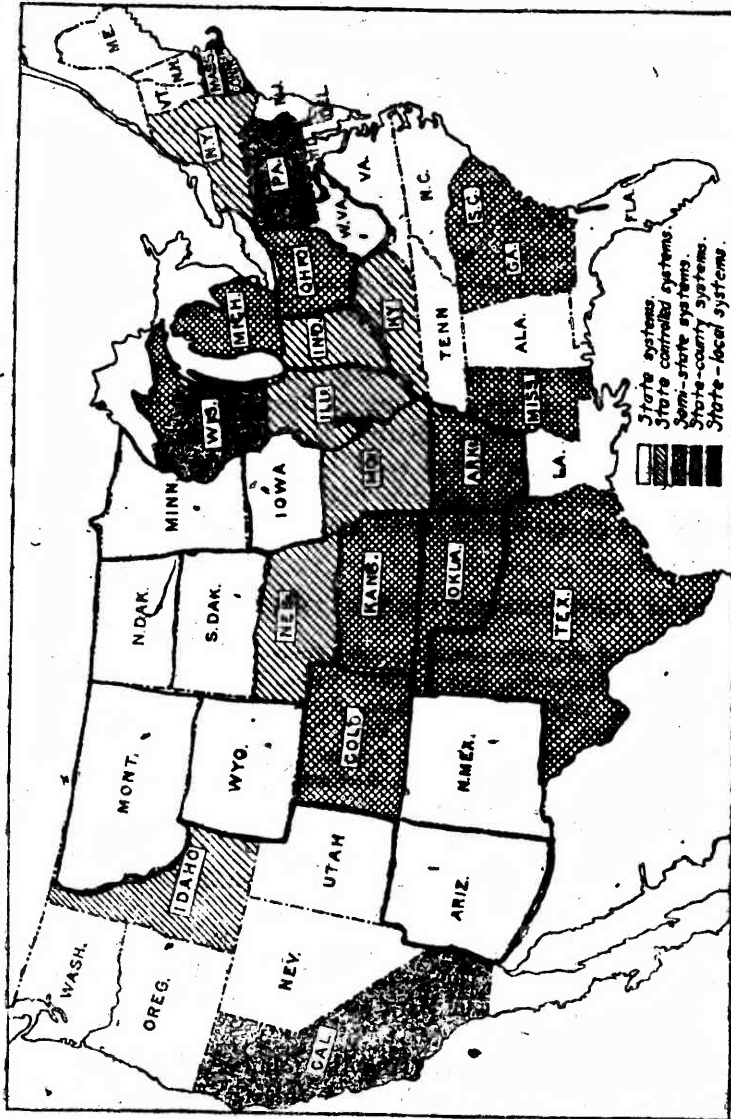
TABLE 3.—Grades given by seven county superintendents to four examination papers written by one candidate for a first-grade teaching certificate.

	United States history.	Geography.	Reading.	Arithmetic.
	Per cent.	Per cent.	Per cent.	Per cent.
Superintendent A.....	66	77	70	70
B.....	50	57	57	60
C.....	81	84	85	86
D.....	39	60	65	65
E.....	44	61	56	66
F.....	72	74	80	85
G.....	91	84	70	73
Variation.....	44-91	57-84	57-85	65-86

Below is a table showing the seven superintendents arranged under each of the four headings in the order of their ratings from lowest to highest. For instance, Supt. E gave the lowest rating in United States history; Supt. G gave the highest rating in the same subject. It will be noted that no superintendent gave uniformly high, low, or medium ratings. This becomes particularly evident if lines be drawn connecting the four A's, the four D's, and the four G's.

Superintendents arranged from lowest to highest according to ratings given examination.

	United States history.	Geography.	Reading.	Arithmetic.
Lowest.....	E	B	B	F
Second.....	B	E	A	D
Third.....	A	D	C	E
Fourth.....	F	A	G	B
Fifth.....	C	F	F	A
Sixth.....	D	G	D	O
Highest.....	G	C	E	C



Administrative systems which issue teachers' certificates.

There are three States in which the county authorities are given the power to grant certificates practically on their own initiative and unhampered by State regulations. These are Pennsylvania, Wisconsin, and California. In Pennsylvania certificates are issued by county superintendents and may be issued by town or district superintendents whenever the districts reach a population of 5,000 and engage a special superintendent. In California and Wisconsin the county boards may issue certificates, give the examination, and correct the papers. The number of certificates given in this way in California is restricted. The majority of certificates in the State are given on credentials from the State board and from institutions. In practice California may be considered a State system. Less than 2 per cent of the total number of certificates issued by county boards during 1919 were issued on examination (letter from State superintendent).

In Massachusetts the local township boards issue nearly all certificates, the State certificates being confined chiefly to those given to superintendents in union districts and teachers in State-aided high schools. In Connecticut local boards issue certificates for secondary and elementary grades, but the State also issues eight different kinds of certificates for all grades and all schools of State-wide validity.

SYSTEMS OF ADMINISTRATION FOR THE CERTIFICATION OF TEACHERS.

- I. State systems (all temporary certificates and permits excluded, also city certificates excluded): New Hampshire, Rhode Island, Maine, New Jersey, Vermont, Delaware, Maryland, Virginia, West Virginia, North Carolina, Florida, Tennessee, Alabama, Louisiana, Minnesota, Iowa, North Dakota, South Dakota, Montana, Wyoming, Utah, New Mexico, Nevada, Arizona, Oregon, Washington, 26.
- II. State controlled systems: New York, Kentucky, Missouri, Nebraska, Indiana, Illinois, Idaho, 7.
- III. Semi-State systems: South Carolina, Georgia, Arkansas, Mississippi, Oklahoma, Texas, Kansas, Ohio, Michigan, Colorado, 10.
- IV. State-county systems: Pennsylvania, California, Wisconsin, 3.
- V. State-local systems: Massachusetts, Connecticut, 2.

Another important consideration regarding the issuing of certificates is the assignment of the authority to grant them and to define the conditions under which they are granted. The two methods are:

1. Statutory provision specifying the number of certificates, the qualifications demanded for each, the authority empowered to grant them, term, validity, etc.
2. Assignment by statute of authority to formulate rules and regulations for certification to State officers without making specific provision for details in the law itself. Generally the authority to do this is given to the State board of education or the State department.

City boards are granted this liberty in nearly all States either directly or indirectly.

NUMBER AND NAME OF CERTIFICATES.

Tables 4, 5, 6, and 8 give data concerning the number, duration, validity, and distribution among classes of schools of certificates issued by State, county, and local agencies. A comparison with similar data collected in 1911 shows that there were about the same number of certificates granted in 1919 as in 1911. Some States have discontinued one or more of the lower grade certificates; several have simplified their systems and decreased the number in this way. Vermont, for example, in 1911 issued 11 different kinds of certificates, and in 1919 only 3, both exclusive of permits. On the other hand, the practice of differentiating certificates as among teachers, principals, superintendents, and instructors or supervisors of special subjects has increased, and the number of certificates of this nature is correspondingly larger. If all special certificates were enumerated here as separate certificates, namely, one for music, another for art, another for physical training, and the like, the number would be increased. Since these are usually classified under one head as "special certificates" in the laws or regulations, the same form is followed here. The case of city certificates when given here is similar. The law usually permits the city boards to issue several grades of the certificate named under each head.

Each State has elected the terms by which to designate the certificates issued. There is no homogeneity among the States, either in the names used or in their significance; nor are any principles followed which control the naming of certificates. Acquaintance with the names and provisions of certificates in one State is of little assistance in interpreting those of other States. A first-grade certificate in one State may be the equivalent of a college diploma or life license in another so far as qualifications demanded for or validity of the certificate granted is concerned. This lack of uniform nomenclature for all States or the adoption of governing principles controlling the naming of certificates possibly accounts for the difficulty in securing a more general and a fairer system of exchange or recognition of certificates among States.

Designations of certificates are influenced by or dependent upon:

1. Extent of territory covered; as State certificate, county certificate, local certificate.
2. The kind of school in which certificate is valid; as elementary, high-school, kindergarten, primary.
3. Subjects for which issued; as special certificate in home economics, in music, etc.

4. Time for which valid; as life, 36 months, permanent, provisional.
5. A combination of two or more of these.

There are a variety of terms used throughout the country. "Certificate" is the most common; "license," "diploma," and "permit" are others, the latter being used in the same sense as temporary or emergency certificate or license. Some States use both certificate and license, referring by these terms to a different type of certificate, Wisconsin for example. Connecticut gives "honor" and "statutory" certificates and New Hampshire "service" certificates. "Permanent" and "provisional" or "probationary" often refer to certificates which are alike in the qualifications exacted and the kind of school and territory in which valid, but different in duration. First, second, and third grade certificates usually represent varying grades of qualifications and experience exacted, but belong to the same class as to kind of schools and territory in which they are valid.

CLASSIFICATION OF CERTIFICATES.

Certificates are classified in various ways in the different States. The most common forms of classification are as follows: (1) According to the class of schools or grade of work for which they are issued and in which they are valid. (2) According to the degree of scholarship which they express, as determined by grades made and number of subjects included in an examination; or by the number of years' credits, or hours of academic or professional training indicated on the credentials presented. These are valid in all schools. (3) Combination of scholarship and class of schools or work; such as temporary and permanent certificates for high, elementary, and primary schools, for special subjects and for supervision, or first and second grade certificate for each. Successful experience is an important factor in the requirements for the higher grades of certificates in most States.

The most common classification according to kind of schools is that of elementary and high-school certificates, often two or more grades of each. Usually additional training or examination in additional subjects is exacted for secondary or high-school certificates. Special certificates for teachers of kindergarten and primary grades are issued in many of the States, and special supervisors' and principals' certificates are becoming more and more common. Some States make special requirements for and give special designations to these; others require higher grade certificates, but of the regulation kind. Rhode Island does not specify a certificate for high schools, but the first grade is the one exacted from high-school teachers. Practically all States issue special licenses for teachers of music, drawing, home economics, manual training, physical education, and other specialized subjects. These may be issued on an independent

basis for training or examination in the special subject; or a regulation certificate with evidence of additional qualifications may be exacted. The number of States making this form of differentiation in certificates granted—that is, having special certificates for primary, elementary, high-school, and special-subject teachers—is increasing.

Certificates issued according to amount of scholarship, measured by examination or education are most commonly of the first, second, and third grade. They are issued by county more often than by State authorities and are usually valid in all of the schools under the jurisdiction of the authority which issues them. The period of time for which they are valid is dependent upon years of experience, the grades made in the examination, or the amount of education and training shown by credentials. They are also, but less commonly, designated as provisional and permanent. Professional, State, professional normal, college diploma, and other designations are used for certificates representing varying degrees of scholarship peculiar to the State in which they are issued but representing no widespread uniformity of practice.

METHODS OF SECURING CERTIFICATES.

In the majority of States there are two routes to certification—one by examination and one on the basis of credentials showing academic and professional training. The examination method is still the most common, but is gradually being replaced by that of professional preparation. Vermont is the only State in which certificates are issued on the basis of academic and professional training only, and the examination method is entirely abandoned. Connecticut is the only State in which certificates are issued on examination only.

Certificates issued on the basis of education and training are usually given for graduation from high-school training classes, normal schools, or colleges maintaining "approved" courses in education. In some States full graduation is not necessary in order to receive credit toward certification. A prescribed number of "courses" or "credits" or "semester hours" receive recognition. Full information concerning certificates granted for graduation or credits from standard institutions is given in Tables 10, 11, and 12.

Some States in which certificates are issued by the examination route chiefly are requiring a minimum amount of academic or professional training or both as a prerequisite to certification either of some or all (including the lowest) grades of certificates. Some States require in addition to graduation from accredited institutions an examination in one or more subjects. Thus we have, occasionally, a combination of the two methods. Montana and Idaho are examples of the former. Graduation from a four-year high school is becoming

rather common as a prerequisite for all or some certificates of lower grades.

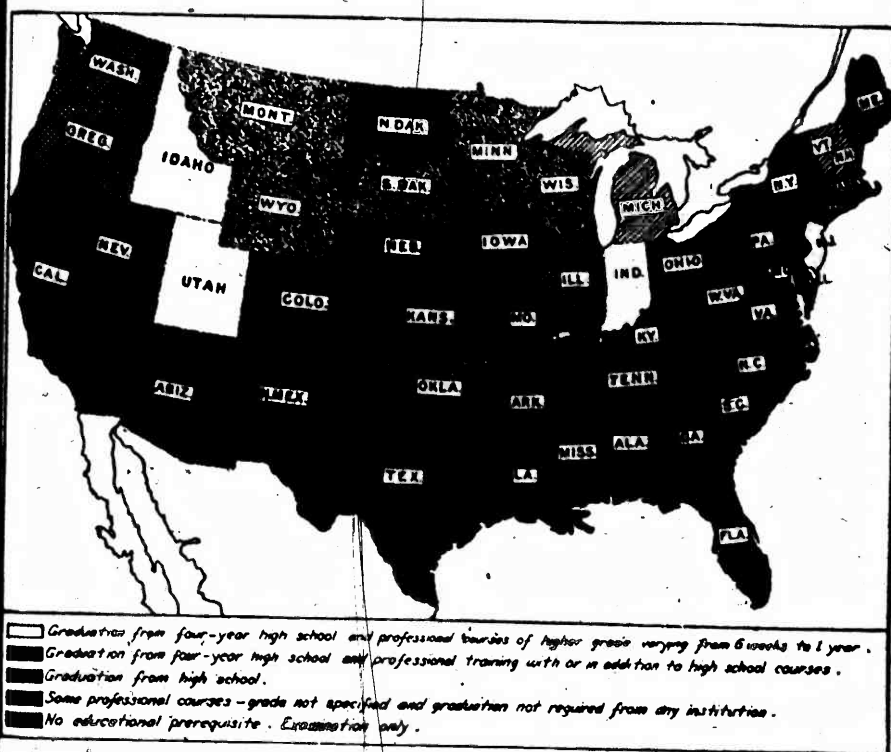
In some States individual consideration is given applicants for certificates of some kinds, that is, each applicant is considered on his individual merits and not necessarily according to stated rules and regulations. Among these States are Rhode Island, Vermont, and New Hampshire. Many States keep lists of institutions approved for the purposes of certification. These are usually designated as approved or standard institutions. Among such States are California, Oregon, Montana, Maine, West Virginia, Idaho, Vermont, Michigan, and Delaware. North Carolina classifies the institutions within the State for certificating purposes. Some States use for this purpose the list of accredited institutions furnished by the Bureau of Education.

SCHOLARSHIP REQUIREMENTS FOR TEACHERS' CERTIFICATES.

The scholarship requirements set forth in the provisions under which certificates are granted are measured in terms of graduation from, or courses taken in educational institutions of secondary or higher grade, or by means of an examination in prescribed subjects. Certificates granted on such requirements may be roughly classified as follows: (1) Those based on graduation from standard college or university with or without the inclusion of professional courses. These provisions are set forth in Table 10. (2) Those based primarily on graduation from a two-year course of college grade, generally given in normal schools. These provisions are found in Table 11. (3) Those based on graduation from a four-year high school, generally including professional courses given in connection with the regular work. These provisions are given in Table 12. (4) Those based primarily on scholarship attainments shown by examination. The grades required on examination are not necessarily obtained at one time, but in some cases may be obtained in successive examinations, or the possession of a prior certificate of lower grade may be substituted for a portion of the examination. Provisions for certificates given by examination are set forth in Tables 16, 17, and 18.

The value of a certificate is measured best by the amount of scholarship and successful experience to which it testifies. The extent of its validity, its duration, and similar provisions are minor considerations, if a certificate is to be of value as an estimate of ability to teach and govern a school. There is a tendency toward higher scholarship requirements which may be observed in several ways. When a new form of certificate is established, the qualifications demanded are usually higher and more specialized than formerly (see Tables 13-15). Kindergarten, primary, and special subject cer-

tificates in most cases require high school and normal school or college graduation or the equivalent, including preparation for the special kind of work or subject for which they are issued. Certificates for administrative and supervisory positions practically all require the completion of four years of college or normal school training and in many cases an additional year of graduate work, including specialized study in administration and supervision. A study of the scholarship requirements set forth shows also the prevalence of a tendency to consider graduation from a course two years above the high school



Academic or professional prerequisites for certificates of lowest grade, excluding temporary.

as about the standard for teachers of elementary grades and completion of a four-year college course as a standard for high-school teachers. Examinations, though of course quite inadequate, tend toward showing qualifications equivalent to these. The various prerequisites for entrance to examinations are intended to insure the minimum amount of scholarship considered necessary for teachers.

In setting forth authorized requirements, as is done in this study, experience is taken at its face value, and measured only in terms of months or years of teaching service. Officials granting certificates, however, need not, and do not always, accept experience

unless some guaranty of its quality is given. In some States experience is credited toward renewal or certification only on the recommendation of the superintendent under whose direction the service was performed. The Indiana scheme for classification of teachers for salary and certificates includes a rating of the teachers' classroom efficiency made by the supervising officer. In Ohio the examination includes a practical test in teaching. The majority of States apparently assume that all experience offered as evidence of attainment in teaching ability is successful, or at least they have in their regulations no well-defined method of evaluating it.

The scholarship requirements as given in the tables have serious limitations. Courses are measured by the length of time they are pursued and examinations by the subjects given only. This assumes that all courses of the same length and all examinations in the same subject are of equal value. It is apparent that this course may not represent true conditions, but the scope of this study does not permit an investigation of the quality of the courses given in institutions or of the kind of examinations given in the different States. With normal schools and sometimes with colleges serious difficulty is encountered in differentiating among certificates granted to those who have completed the standard courses (that is, courses of higher or college grade), and those granted for courses entrants to which do not comply with the usual entrance requirements represented by the completion of a four-year high-school course. An effort was made to include in the tables concerning certificates issued for college and normal school courses (Tables 12 and 13) only those certificates based on graduation from two or four year courses of college grade. It is recognized, however, that this effort has not always been successful, and can not be so long as the present regulations in certain institutions continue. An example may be cited of one institution of the kind referred to, to which students are admitted on conclusion of elementary or high schools. The former receive a certificate or diploma on completion of a four-year course. The latter receive what is apparently the same sort of certificate on completion of a two-year course, though the difference in training represents two years of work of secondary grade. Certain other institutions which apparently require high-school graduation for entrance maintain, in addition to the regular two-year course, a three-year high school. One group of students completes a course of two years above a four-year high school, equivalent to six years above the elementary schools; the other a course of five years above the elementary grades. No discrimination is made as to the diploma or certificate issued to graduates of these courses.

Similar conditions are common among high schools giving teachers' training courses. A few require four years of high-school work and

an additional year of professional work from applicants for certificates to teach. Others issue certificates at the close of two, three, or four-year courses in which work both secondary and professional in nature is included. Standardization of courses leading to certificates given in high schools, normal schools, and colleges is badly needed in order that definite classification of certificates issued on the basis of academic and professional training may be made. Proper discrimination among courses leading to certification in the various institutions would probably lead to a wider recognition among institutions and States of certificates granted in this manner and would be for the good of the individual and the institution as well as of the service.

In Tables 9, 10, and 11 scholarship requirements measured by credits from educational institutions are given in semester hours when possible or courses or fractions of years in order to permit of their measurement and of comparison. When examinations are required, the subjects are divided as follows:

(1) Traditional elementary school subjects: Reading; writing; orthography, punctuation, orthoepy; language, composition; grammar; arithmetic, mental and written; number work; geography; United States history, elementary civics, local history; physiology, hygiene, nature and effects of alcohol, stimulants, and narcotics.

(2) Newer elementary school subjects: Drawing; music; nature study; agriculture; manual training; household arts, domestic science, etc.; physical training; current events.

(3) Higher subjects (secondary and higher schools): Rhetoric, literature, algebra, geometry, languages, history, physics, chemistry, biology, economics, and such other branches as compose the standard high school and college curricula, and also cataloging and use of school libraries.

(4) Professional subjects: Philosophy of education, history of education, psychology, school administration, theory and practice, methods, school law and State manuals, and such other professional subjects as may be named.

California has probably established better standards than any other State in the amount of academic and professional training required. Normal training equivalent to two years above a four-year high school for elementary teachers, and college graduation including one year of graduate work for high-school teachers are the California standards.² Such credentials, however, are not essential, as certificates are granted also on examination. States which require some professional training in addition to completion of a full four-year high-school course as prerequisite for any certificate are the following: Idaho, New Jersey, Indiana, and Utah. In Virginia the

² Though legal requirements are very indefinite in Massachusetts, graduation from normal school or college is the accepted standard; probably few teachers employed fall below it.

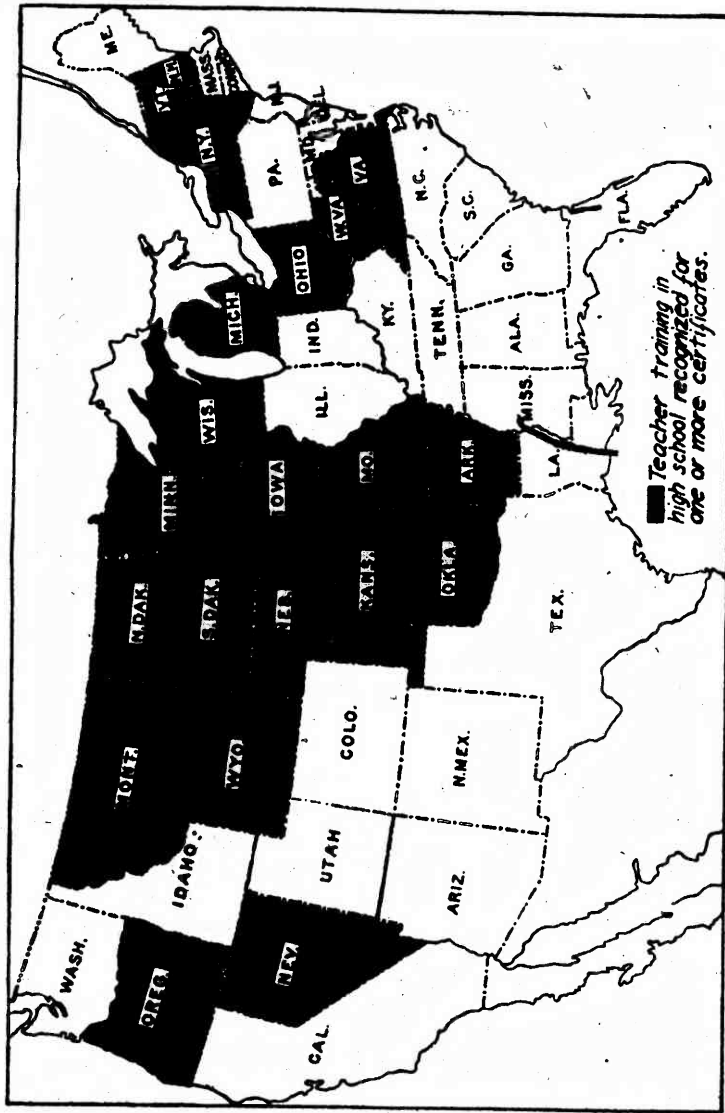
requirement for the lowest grade of certificate for elementary schools is six weeks of professional training in addition to graduation from a four-year high school, but alternative of an equivalent examination is offered. Ohio, after 1924, and Wisconsin, after 1923, will no longer grant certificates to candidates with less than four years of high-school education and additional professional training in an approved institution.

Indiana was the first State to establish by law a minimum prerequisite of graduation from a four-year high school for the lowest grade certificate to teach. At present there are 7 States, in addition to the 4 mentioned above, in which this is the minimum requirement. They are Vermont, New Hampshire, Illinois, Michigan, Washington, Maine, and Oregon—altogether 11 States with this or a higher prerequisite for entrance to the examination for any teaching license. If we add Wisconsin and Ohio (after 1923 and 1924, respectively), California and Massachusetts (with exceptions and limitations given above), the number is increased to 15. Other States, notably Maryland, Wyoming, New York, Missouri, and Kansas, have established the high-school graduation requirement for certain certificates of lower grade but not all.

The idea of recognizing some professional training as necessary for any grade of certificate is growing in extent. The following States require some professional training in an approved school of secondary or higher grade as a prerequisite for the lowest grade certificate issued, 13 States, in addition to those mentioned before—Minnesota, Vermont, New Hampshire, Michigan, Delaware, West Virginia, Oklahoma, Oregon, Wisconsin, South Dakota (after 1920), Montana, Wyoming, and Idaho.

Twenty-one States have established teacher-training classes or normal training work in high school or in connection with high schools and recognize this training in their certification laws or regulations as fulfilling the requirements for some grade of certificate. These courses are given either as a part of the regular high-school courses, as is most common, or constitute a year's work in addition to four high-school years. In some cases the courses are under the direction of the State department and are aided by State funds. In others they are maintained by the high schools themselves independently of State aid. The following States recognize normal training in high schools as fulfilling the requirements for one or more kinds of teaching certificates: Kansas, Iowa, Missouri, Michigan, Wisconsin, Minnesota, South Dakota, Nebraska, Montana, Wyoming, Oklahoma, Vermont, Ohio, Nevada, Oregon, New Hampshire, New York, North Dakota, Virginia, Arkansas, and West Virginia.

¹ Illinois grants a "provisional" certificate, not considered because it is apparently temporary in nature.



Certification by examination only is of course the oldest method and persists for one or more certificates in all the States but one. The most noticeable of recent changes in the examination method of certification is the growing importance of professional subjects and the addition of such subjects as agriculture, music, physical education—characterized in the summaries as the newer elementary subjects. Complete information concerning subjects given in examinations is given in the State outlines and in summary Tables 16 and 18.

No attempt has been made in this study to analyze the questions given or method of examining papers when submitted. Information concerning the agencies which prepare questions and examine papers is given in Table 7. The tendency to centralize these two functions has been shown elsewhere. Gradually the probability of obtaining a high grade of State certificate through examination alone is being eliminated. In the majority of those States which continue to grant high-grade certificates in this way examinations are becoming very cumbersome. They usually include a full program of high-school, college, and professional subjects, in addition to the traditional elementary subjects, unless the latter are represented by a prior certificate. Tables 16 and 17, which give information concerning certificates granted in this way, show that in some cases the applicant is examined in as many as 12 or 13 of the higher subjects, in addition to the usual number of traditional and some professional subjects. Unless these examinations can be taken at different times, the requirements become very burdensome and exclude the probability of a great number of applicants. Even first-grade county certificates require examination in a great many subjects, and include higher and secondary as well as professional, newer, and traditional elementary subjects (see Table 16).

Table 18 gives the number of common-school subjects and the names of the higher and secondary, newer elementary, and professional subjects in which one must be examined in order to secure a certificate in the different States. An examination of this table shows how easy it is to enter the teaching profession. Except in those States which require a minimum of academic and professional training, completion of the elementary grades, with some additional study in one or more professional and sometimes one or more of the newer elementary or secondary subjects also, enables one to become a teacher. Much depends on the examining authorities in the way of setting up standards in these States. But even at the best they are very low.

It is also relatively easy in many States to remain teaching indefinitely without specified professional or academic preparation. Unless special regulations to the contrary are made in the form of prerequisites to entrance to examinations or unless professional preparation is required for the renewal of certificates, this may result. In some

cases life certificates, or, if not so called, certificates continuously renewable or exchangeable, and hence practically of the same significance, may be obtained without such requirements. These conditions prevail in the following 14 States: Alabama, Arizona, Arkansas, Colorado, Louisiana, Kansas, Kentucky, Mississippi, Nebraska, New York, Pennsylvania, Rhode Island, South Dakota (until 1921), and Texas. In at least 5 other States life certificates may be issued on examination without educational prerequisites higher than high-school graduation or 12 weeks of professional preparation.

There are 29 States which either do not issue certificates designated as for "life," or in which nominally some higher education is required for them. However, equivalency examinations or possibility of continuous renewals on requirements more or less indefinite probably nullify the apparent requirement in many cases.

Among the States which have recently reorganized their laws concerning certification there is a noticeable tendency to enact those whose purpose is to increase gradually the minimum scholarship requirements exacted. The Delaware law recently enacted is a good example. The lowest grade certificate granted on examination is to be discontinued after 1930; the next lowest, which requires high-school graduation and six weeks of professional training, is to be discontinued in 1935. The lowest certificate recognized thereafter requires graduation from a two-year normal school in addition to the completion of a four-year high school. The West Virginia law is based on the same plan, increasing qualifications up to 1926 and permitting the State board to regulate them thereafter. Such an arrangement makes it possible to increase requirements for certificates without depleting the supply of teachers. In some States the practice of formulating a law in such a way as gradually to increase the requirements extending over a period of several years applies to other than the lowest grade of certificate. Delaware, West Virginia, Wisconsin, and South Dakota are among the States which passed increasing requirement laws in the 1919 session of their legislatures. The following excerpts from the South Dakota law are given here to illustrate this practice:

No teacher shall be entitled to receive more than two third-grade certificates; *Provided*, That from and after the 1st day of September, 1920, every applicant for a third-grade certificate, by examination or otherwise, must present evidence of having attended an approved normal school or some other school having a normal department approved by the superintendent of public instruction six weeks in the aggregate.

Provided, That from and after September 1, 1921, every applicant for life, diploma, by examination or otherwise, must present evidence of having attended an approved normal school or educational department of an approved college or university 24 weeks in the aggregate.

Provided further, That from and after September 1, 1920, every applicant for State certificate, by examination or otherwise, must present evidence of having attended an approved normal school or educational department of an approved college or university 18 weeks in the aggregate.

PROVISIONS FOR RENEWING LOW-GRADE CERTIFICATES.

Various expedients are used to prevent one person teaching too long on the lowest-grade certificate. It is a common practice to issue a limited number of these certificates, and generally they are not subject to renewal. In some States the holders of lower-grade certificates are eligible to positions only when the supply of teachers with higher-grade certificates is exhausted. Delaware and Maryland are examples of such States. Rhode Island requires the holder of the lowest-grade certificate to qualify for a higher grade within two years. Other methods used are to require applicants for renewals to attend summer schools for teachers or to obtain a minimum amount of professional training before the application is granted.

Full information concerning renewal of the lowest grade of certificates is given on page 29. A few States do not grant any third-grade certificates. Utah does not renew second-grade certificates, expecting the holder to qualify for a higher grade. Nevada renews neither second nor third grade certificates. Twelve other States renew only on condition that the applicants acquire additional professional training. Five other States prescribe requirements or demand the completion of reading-circle work, making in all 34 States which either do not renew certificates of the lowest grade or make it necessary to have some professional training as well as experience before renewal. Nine States renew on experience only. One makes renewal dependent upon the standing in examination. In one State, renewal depends on recommendation of the superintendent in charge, and in one, professional spirit and required reading are necessary. Five States limit the number of certificates of the lowest grade which are issued or renewed. Indications are that the most advanced steps toward raising the qualifications of teachers, as measured by the certificates granted, are being taken in those States in which the whole matter is under the control of the State and that county and local authorities are more lax in their requirements.

SUMMARY OF RENEWAL REQUIREMENTS.

Successful experience only: Maine, Rhode Island, Alabama, Missouri,⁴ Wyoming, Oregon, New Hampshire,⁵ Arkansas.

Consecutive experience: Kentucky.

Discretion of board: Massachusetts, Connecticut, Ohio, California.

Standing in examination only: Michigan.

Recommendation of superintendent: Vermont.

Prescribed requirements: New York, Tennessee.

Reading: North Carolina, Wisconsin,⁴ North Dakota,⁴ Iowa.⁴

Institute attendance: Oklahoma.⁴

Attendance at professional schools or college work: New Jersey, Delaware, Maryland, Virginia, Florida, Oklahoma,⁴ Illinois, Wisconsin,⁴ North Dakota,⁴ Utah, Idaho, Washington.

⁴ See also other regulations.

Not renewable: West Virginia, New Hampshire,³ South Carolina, Georgia, Massachusetts, Louisiana, Texas, Indiana, Minnesota,³ South Dakota, Nebraska, Kansas, Montana, Colorado, New Mexico,⁴ Nevada,⁴ Arizona.

Limited number of times: Michigan,⁴ Missouri,⁴ Washington.⁴

Professional spirit; required reading: Iowa.⁴

Limited issue: New Mexico,³ Nevada.⁴

REGULATIONS CONCERNING RENEWAL AND REISSUANCE OF CERTIFICATES OF LOWEST GRADE (SUCCESSFUL TEACHING REQUIRED WHETHER MENTIONED OR NOT.)

States.	Renewal regulations.
N. Atlantic Div.:	
Maine.....	Renewable on successful experience.
New Hampshire.....	Permits not renewable. Elementary license one or three years.
Vermont.....	Recommendation superintendent.
Rhode Island.....	Four years, then six years' successful experience.
Massachusetts.....	Discretion of board or committee.
Connecticut.....	Discretion of committee.
New York.....	Prescribed conditions.
New Jersey.....	Once. Required credits.
Pennsylvania.....	May teach five terms only on provisional certificate.
S. Atlantic Div.:	
Delaware.....	Second and third grade professional preparation.
Maryland.....	Third grade on completion prescribed professional training. No teacher holding this certificate may be engaged unless supply of higher certificated teachers is exhausted.
Virginia.....	Second grade—summer school attendance or equivalent.
West Virginia.....	Not renewable.
North Carolina.....	Reading circle work.
South Carolina.....	Third grade not renewable. Second grade at option of board.
Georgia.....	Nonrenewable.
Florida.....	Second and third grades attendance at professional school.
S. Central Div.:	
Kentucky.....	Consecutive experience.
Tennessee.....	Prescribed requirements.
Alabama.....	Limited number of times.
Mississippi.....	Not renewable.
Louisiana.....	Not renewable. Second and third grade certificates for one year through application of summer school credits.
Texas.....	Not renewable.
Arkansas.....	Second grade twice. Third grade once.
Oklahoma.....	Summer school and institute attendance. Renewed once.
N. Central Div.:	
Ohio.....	Not renewable.
Illinois.....	Second grade renewable first time after 6 months' additional professional training, second time 18 weeks' professional training.
Michigan.....	Once only. Average must be 85.

³ See also other regulations.

⁴ Permits. These seem to partake of the nature of both temporary and third-grade certificates. In New Hampshire the next lowest certificate may be renewed. In Minnesota the next lowest certificate must be exchanged for the next higher grade.

States.	Renewal regulations.
N. Central Div.—Continued.	
Wisconsin.....	Attendance at professional school. Reading circle course.
Minnesota.....	Permits nonrenewable. Limited-rural elementary may be exchanged for second-class certificate under certain regulations.
Iowa.....	Second and third grade certificate renewed. Professional spirit and prescribed reading.
Missouri.....	Second and third grade renewable once. Not more than four of the latter granted.
North Dakota.....	Reading circle work and six weeks at professional school.
South Dakota.....	Not renewable.
Nebraska.....	Not renewable.
Kansas.....	Not renewable.
Western Div.:	
Montana.....	Not renewable.
Wyoming.....	Renewable once.
Colorado.....	Not renewable.
New Mexico.....	Not renewable. Not more than two issued to any person.
Arizona.....	Not renewable.
Utah.....	Third grade renewable for prescribed work of college grade. Second grade not renewable, must fulfill requirements for higher grade certificate.
Nevada.....	Second and third grade not renewable. Not more than one third-grade granted to any person.
Idaho.....	Six weeks at summer school for teachers.
Washington.....	Renewed twice for attendance at professional school.
California.....	Option of board.
Oregon.....	Six months' experience

RECIPROCAL RELATIONS AMONG STATES.

On pages 32 to 35 are given excerpts from State laws or regulations concerning the recognition of certificates from other States and diplomas and credits from institutions located in other States. The following States do not recognize certificates granted in other States: Colorado, Connecticut, Massachusetts, New Hampshire, Ohio, Oklahoma, North Dakota, West Virginia, Louisiana, and Florida. Of these, Colorado, New Hampshire, Florida, North Dakota, West Virginia, Ohio, and Louisiana recognize graduation or credits from standard institutions outside the State. It therefore follows that, while certificates issued on credentials from such institutions would not be recognized in these States, other certificates could be issued on the basis of recognized credentials, provided the requirements are met.

Connecticut is the only State which issues certificates wholly on the basis of examination and does not accept credits from institutions either within or without the State. Generally, State laws require that institutions whose credits are recognized toward certification shall exact entrance requirements and maintain standards equivalent to those within the State. Nearly all the States which recognize outside institutions keep lists of those "accredited" or "approved."

Full reciprocal relations do not exist even among those States which recognize certificates from other States under certain conditions. Idaho, Kansas, Maine, Montana, New York, North Carolina, and Rhode Island recognize only State certificates or those issued by State departments or State officers. Michigan, Nevada, Nebraska, Indiana, New Jersey, and Utah accept State life certificates only from other States. New Mexico and Washington give credit, subject for subject, if accredited by State departments, and New Mexico and Nebraska require in addition that reciprocal relations shall have been established with the other State. In Wisconsin and Utah two years' experience within the State is required before outside certificates are recognized. Credentials from colleges and universities are more generally recognized than are those from normal schools. Many certificates based on normal school graduation are granted by schools themselves or their boards of control, and their validity is confined to the State.

The following States recognize for or toward certification graduation from "approved," "acceptable," "accredited," "reputable," or "equivalent" institutions: Florida, Georgia, Idaho, Illinois, Indiana, Kansas, Louisiana, Maine, Missouri, Maryland, Massachusetts, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, North Carolina, Oregon, Ohio, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming, Colorado, Delaware, Arkansas, Arizona, California, Iowa, and South Carolina—42 in all. Kentucky, Oklahoma, and Washington specify "State institutions" in the scholarship requirements for certificates. The regulations for Alabama do not state whether institutions outside the State are recognized or not. Michigan recognizes State institutions only, except for special certificates. Connecticut requires an examination.

SUSPENSION AND REVOCATION OF CERTIFICATES.

Table 19 presents the most essential provisions of the laws of different States concerning the suspension and revocation of certificates. The grounds upon which this action is taken are similar in all States, and the right of appeal is generally given as protection to the teacher against injustice. The officers empowered to revoke certificates are usually those who issue them, and appeals are taken to superior boards or officers.

FEES AND MINIMUM AGE REQUIREMENTS.

Information concerning fees, when they are required; the disposal of the money so collected; and minimum age requirements, when there are any, are given in Table 20. A few States do not specify

any age minimum. A number require the applicant for a certificate to be at least 18 years of age.

Thirty States require fees ranging from 50 cents to \$10. Usually the higher fees are charged for the higher grades of certificate. The other 18 States require no fee. The money collected from fees is used in the majority of States to pay for administering the certification department or for the support of teachers' institutes.

A DIGEST OF THE LAWS AND REGULATIONS BEARING UPON THE RECOGNITION OF DIPLOMAS AND CERTIFICATES IN EACH OF THE STATES.

Alabama.—Recognizes other State certificates of equivalent requirements and standard institutions.

Arizona.—Accepts credits from institutions outside of the State as a basis for certification. Recognizes certificates from other States if qualifications are equivalent to those demanded in Arizona.

Arkansas.—State and professional licenses based on certificates from other States and degrees from the credited institutions outside the State will be recognized if applicants have at least 12 months' experience, in case State certificates are desired and 6 months' experience if professional licenses are desired.

California.—Recognizes life diplomas or certificates from other States if they represent experience and scholarship equivalent to California requirements. California also keeps a list of recognized institutions of other States which meet the approval of the State board as satisfying requirements for California certificates.

Colorado.—Does not recognize certificates from other States. Collego credits and degrees are recognized under the same conditions, whether obtained from institutions within or without the State.

Connecticut.—Does not recognize certificates from other States, or college or normal school diplomas or certificates.

Delaware.—Certificates issued by other States will be accepted which indicate qualifications equal to or superior to those demanded for securing certificates in this State. Also credits from standard institutions are accepted.

Florida.—Does not recognize certificates from other States. A courtesy temporary certificate may be issued to holders of certificates from other States for a period of 2 months, during which time the applicant must qualify for a Florida certificate. Graduation from standard institutions is recognized.

Georgia.—Teachers holding certificates granted in another State which are the equivalent of requirements in Georgia are granted equivalent certificates. Approved institution's credits are recognized for certification, but applicant must be examined in Georgia history, geography, and school law.

Idaho.—The State board of education issues Idaho State certificates to graduates of State normal schools and colleges of other States if said institutions are approved by the State board of education. The State board may also indorse State life certificates from other States. All applicants must be engaged in teaching within 2 years of the date of application, have at least 18 months' experience and credit in examination in Idaho school law and course of study.

Illinois.—The State superintendent of public instruction and the county superintendent of schools may recognize and honor any certificate from another State obtained under conditions similar to those in Illinois. Institutions outside State recognized on the same basis as those within it.

Indiana.—The State superintendent countersigns life State certificates from other States of equivalent requirements. Also recognizes training in higher institutions of other States for certificates.

Iowa.—Each individual application is decided on its merits. A new certificate is issued to the holder of a certificate from another State if the conditions warrant the recognition of the certificate presented for that purpose. Iowa also recognizes training in approved colleges of other States for certification.

Kansas.—The State board of education recognizes State certificates issued in other States secured by fulfilling demands equivalent to those of Kansas.

Kentucky.—State board of education may validate certificates of other States which are not of a lower standard than the State certificate of Kentucky, and may approve or disapprove such certificates of qualification as may be recognized by county superintendents and county boards of education in this State. The State board of education is authorized to validate State diplomas and certificates from other States on a reciprocity plan.

Louisiana.—Teachers' certificates of other States are not recognized in Louisiana. Baccalaureate graduates of State approved colleges and State approved normal schools of other States are issued first-grade certificates in Louisiana upon presentation of their diplomas accompanied by a \$5 recordation fee.

Maine.—Certificates may, under the rules prescribed by the State superintendent, be granted to persons holding State certificates granted by authority of other States. Recognizes institutions outside the State of equal standing with those within as a basis for certification.

Maryland.—The conditions under which certificates, diplomas, and degrees of institutions of the State of Maryland and of other States, will be recognized shall be determined by the State superintendent of schools.

Massachusetts.—No legal provision for reciprocity in the issuance of certificates. Colleges outside State with standards equal to those within are recognized on same basis for certification.

Michigan.—The State board of education may in its discretion recognize life State certificates from other States if the requirements are equivalent to those demanded in Michigan. Grants special certificates on basis of credits from institutions outside the State.

Minnesota.—The State superintendent may accept or indorse certificates from other States on such conditions as he may prescribe. Also recognizes for certification credits from institutions outside State with standards equivalent to those of University of Minnesota.

Mississippi.—To persons holding a certificate, license, or diploma with qualifications equal to those of Mississippi, authorizing them to teach in another State, a first-grade license shall be granted to be valid for a length of time granted in original State. Recognizes credits from approved institutions having four-year course.

Missouri.—Certificates from States other than Missouri which are based on requirements equal to those of Missouri, and graduation from schools outside of Missouri whose standards are equal to those of the schools of Missouri, are recognized.

Montana.—Teachers with successful experience of at least 35 months, who have obtained from State departments of other States by means of examination certificates good in all schools of the State in which issued and valid for at least 5 years, may obtain Montana certificates if the requirements were fully equal to those of Montana. Graduates of advanced normal courses in institutions equivalent to those in Montana, whose diplomas entitle them to teach without examination in all of the schools of the State where located, who have taught successfully 18 months, at least 9 of them after graduation, are eligible to Montana State certificates and life diplomas.

Nebraska.—Certificates or diplomas conferring the right to teach for life in other States are accepted in Nebraska. Also grades earned in State examinations that meet the requirements of Nebraska are accepted, if the States have reciprocal rela-

tions with this State. Recognize credits from standard colleges outside the State if applicant has experience in Nebraska.

Nevada.—Credentials showing graduation from schools of other States whose requirements are equal to those of Nevada shall be accepted in lieu of examination. Life certificates may also be submitted as evidence of fitness of teaching, and if they are satisfactory to the State board of education they may issue a certificate valid in Nevada for such grade as they may deem proper.

New Hampshire.—Laws do not allow reciprocity. Diplomas from normal schools equal to those of New Hampshire may be accepted if applicant files experience and passes examination in New Hampshire school law and program of studies.

New Jersey.—New Jersey recognizes diplomas from normal schools of another State which require equivalent work and entrance requirements to the New Jersey State normal schools. Also indorses permanent State certificates granted in another State if the requirements are equivalent to life certificates in New Jersey. It also recognizes completion of courses in approved colleges, universities, or technical schools as credit toward certification.

New Mexico.—Certificates from other States, if valid, may be credited subject for subject if questions on which certificate is granted were prepared and all papers graded by a State department of education in the State issuing certificate, provided the State accepts like grades granted by New Mexico. Credits from colleges of recognized standing with North Central Association are recognized on same basis as those in the State.

New York.—The commissioner of education may in his discretion indorse (1) a diploma issued by a normal school of another State, (2) a certificate issued by the chief education officer or State board of another State. Such indorsement confers on the holder of such diploma or certificate the privileges conferred by law on the holder of a normal school diploma or State certificate issued in this State. Credits recognized from institutions registered by regents of the State of New York.

North Carolina.—Certificates are issued to persons who hold State certificates of other States requiring qualifications equivalent to those required in North Carolina and who pass an examination in North Carolina history and school law. Credits from standard institutions outside the State recognized on same basis as from those within.

North Dakota.—Recognizes credits of institutions outside the State as a basis for North Dakota certificates.

Ohio.—State has no law recognizing certificates from other States. Recognizes credits from approved institutions as basis for certification.

Oklahoma.—No provision to holders of State certificates from other States or credits from institutions in other States.

Oregon.—Certificates issued upon examination by other States shall be accepted by the superintendent of instruction for corresponding certificates upon certain conditions and equivalent credits for any subject or subjects may be accepted. Also credits for teaching experience and credits from standard institutions outside the State.

Pennsylvania.—State superintendent of public instruction may validate in Pennsylvania teachers' certificates issued by other States or by State normal schools or colleges of other States whose requirements are equivalent to those of this Commonwealth. Recognizes all institutions approved by Pennsylvania college and university council.

Rhode Island.—Interstate comity is practiced. The State department does not indorse certificates from other States or grant Rhode Island certificates on certificates from outside the State. It does not recognize certificates from out of the State in any way, unless the certificates have been issued by State officers. When certificates issued by the State department are presented, an attempt is made to evaluate the qualifications mentioned in the certificates in terms of Rhode Island requirements, and credit is granted accordingly. Diplomas issued by institutions outside the States

are accepted as reasonable proof of what they attest, if the institution granting the diploma is reputable.

South Carolina.—The State board of education will grant certificates on presentation of diplomas from reputable colleges and universities of as high rank as those in South Carolina when accompanied by the scholastic record and teaching experience of the applicant. The same board confirms State certificates from other States when the qualifications demanded are equivalent to those demanded in South Carolina, provided that such States grant reciprocal credit to South Carolina State licensure.

South Dakota.—Diplomas from other States may be accepted in lieu of subjects required for a life diploma. The State superintendent may validate certificates issued by other departments of education which are of the rank of the life diploma, State certificate, and first and second grade certificates issued in South Dakota, provided the requirements upon which they are based are equivalent to the requirements for corresponding certificates in South Dakota. Recognizes credits from all approved institutions of equal rank with those of South Dakota.

Tennessee.—Certificates from other States whose standards of normal school admission and graduation are no lower than that of this State are validated. Reciprocal certification relations are maintained with most of the Southern States.

Texas.—Holders of diploma from a State normal college or of a life certificate in another State upon becoming a citizen of Texas, may receive a Texas permanent certificate provided the requirements are equal to those of Texas. Diplomas from colleges or universities recognized by the State superintendent of public instruction upon recommendation of the State board of examiners may be accepted as qualification for a State life certificate.

Utah.—Certificates and diplomas issued in other States may be recognized in Utah, provided they are granted on standards equal to Utah requirements. Institutions issuing diplomas must be of standard grade.

Vermont.—Reciprocity with other States may be established by the commissioner of education. Applicants must have at least 30 weeks' teaching experience. Recognized graduates from normal schools or colleges in other States are eligible for certificates, on the same terms as are graduates from Vermont institutions.

Virginia.—Certificates from States other than Virginia, which are not local and which represent training equivalent to that required for Virginia State certificates and satisfactory experience, are recognized as certificates to teach. All standard colleges are recognized for credits toward certification.

Washington.—Credits of 90 per cent or over on examination in other States, when papers are graded by State departments, are accepted, subject for subject, in accordance with the rules and regulations of the State board of education. The State board of education recognizes only grades earned in Washington institutions.*

West Virginia.—This State does not recognize certificates from other States. It does recognize credentials from institutions outside of the State which are accredited by the State boards of education on the basis of equivalent work to that done by institutions within the State.

Wisconsin.—Holders of certificates from other States may receive Wisconsin unlimited State certificates, provided certificates held are equivalent in required qualifications to the Wisconsin certificate. Applicants must have two years' experience in Wisconsin before this certificate can be made permanent. Also recognizes for certification courses given in institutions whose standards are equivalent to those of Wisconsin institutions.

Wyoming.—Recognizes credits from standard institutions in other States as basis for certificates, and certificates from other States when requirements meet the requirements for Wyoming certificates.

*The law of Washington provides that the State board of education may recognize credits earned in institutions outside the State toward certification. According to present practice apparently the board does not do so.

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STATE LAWS AND REGULATIONS CONCERNING TEACHERS' CERTIFICATES.

ALABAMA.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life certificate.	State board of education.	In State.	All schools.	For life.		5 years tenure of first-grade certificate, 40 months as teacher at a first-grade certificate.	Division of teacher training and certification.	Division of teacher certification.	(1) Examination same as for first-grade certificates, with additional examination in history of education and at least two other professional subjects. (2) Evidence to State board from the county superintendent that applicant has high degree of educational and professional attainment. Teaching experience in writing.
First-grade certificate (without examination).	do.	do.	do.	6 years.	Extended 1 year on professional study and reading circle study.				Issued to graduates of Class A normal schools of Alabama and other institutions of higher grade with equivalent requirements, who have completed a course in education approved by the State board.
First-grade certificate (with examination).	do.	do.	do.	do.	May be renewed for 1 year at a time; not more than 4 years.		Division of teacher training and certification.	do.	Examination in advanced English, physics, school law of Alabama, plane geometry elementary psychology, and algebra, in addition to subjects required for second-grade certificate.
Second-grade certificate.	do.	do.	do.	4 years.	do.		do.	do.	Examination in arithmetic, history of Alabama grammar, literature, geography, history and civics, theory and practice of teaching, school management, in addition to those subjects required for third-grade certificate.

State laws and regulations concerning teachers' certificates—Continued.

ALABAMA—Continued.

Name of certificate.	Issued by		Valid in—		Duration.	Persistence.	Experience required.	Questions Prepared by—	Examined by—	Scholarship requirements.
	Territory.	Schools.	Territory.	Schools.						
Third-grade certificate.	In State.	All schools.	In State.	All schools.	2 years.	May be renewed for a year at a time; not more than 4 years.		Division of training and certification.	Division of teacher certification.	Examination in orthography, reading, penmanship, grammar, arithmetic, United States history, geography, physiology, hygiene, agriculture, theory and practice of teaching. Issued on diploma and license from other States demanding qualifications equivalent to those in Alabama.
Certificate of qualification to teach (validation of certificates issued in other States).	do.	do.	do.	do.	Same as original or at the discretion of the State board.	Discretion of State board.				

Special and provisional certificates under regulations prescribed by the State board.

1. A provisional license will not be issued except upon request of a county or city superintendent, is not renewable, and is not subject to extension.
2. A provisional license will not be granted to the holder of a license that is valid in Alabama or any other State, nor to any applicant who has been rejected on a regular examination within 12 months next preceding the date of such application, except that a license of lower grade than the one applied for on such examination may, in the discretion of the State board, be granted.
3. The State board of education will be required to require graduation from a standard college as a condition precedent to the issuance of a first-grade license of graduation from a standard normal school for the issuance of a second-grade license; and of graduation from a standard high school employing three or more teachers who give their entire time to high-school work for the issuance of a third-grade license; except that the holder of an Alabama license who has discontinued teaching for valid reasons and whose license has expired, may be granted a license of the same grade as the one last held.

ARIZONA.

Name of certificate.	Issued by		Valid in—		Duration.	Persistence.	Experience required.	Questions Prepared by—	Examined by—	Scholarship requirements.
	Territory.	Schools.	Territory.	Schools.						
Life certificate.	In State.	All.	All.	All.	Life.		15 years.	State board of education.	State board of examiners.	Holder of first-grade certificate with 15 years' successful experience, 10 of which have been in the public schools of Arizona, who, in addition, have passed an examination in psychology, pedagogy, and school management with an average of 80, with no grade less than 70.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

Special certificate:	State board of examiners.	Special subjects only.	4 year.	Renewable for 1 year.	None.	Examination with an average of not less than 80 per cent, or credentials in the special subject applicant wishes to teach.
Music, drawing, agriculture, commercial subjects, kindergarten, manual training, household arts.	do.	All.	do.	Renewable for 1 year on 2 years' successful teaching.	None.	Without examination (a) to graduates of any normal school the requirements of which are equivalent to those of the normal schools of Arizona, and are accredited by the State board of education, and (b) to graduates of universities and colleges of standard rank who have credit for at least 5 semester hours in education and psychology and in each subjects listed may prescribe (c) holders of unexpired life certificates and equivalent credentials from other States. (d) to holders of an unexpired teacher's certificate and 2 years' experience in teaching.
First-grade certificate (without examination).	do.	do.	do.	do.	do.	Examination in algebra, United States history, civics, physiology and hygiene, orthography, penmanship, composition, reading, teaching methods, arithmetic, school laws of Arizona, grammar, geography. An average of 80 per cent is required, with no grade of less than 70 per cent in arithmetic, orthography, and grammar, and no grade of less than 60 per cent in any of the other subjects.
Primary certificate	do.	Primary schools.	do.	Renewable for 1 year.	do.	Graduation from schools accredited by the State board of education, whose course includes special preparation for primary work.

State laws and regulations concerning teachers' certificates—Continued.

ARIZONA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Second-grade certificate.	State board of examiners.	State.....	Common schools.	2 years.....	Nonrenewable		State board of examiners.	State board of examiners.	Examination same as for first-grade certificate, consisting of algebra. An average of 76 per cent is required, with at least 68 per cent in arithmetic, orthography, and grammar, and no other branch below 60 per cent.

Norm—"Credentialed" means graduation from duly accredited school specializing in branches applicant desires to teach. No applicant shall receive a commercial certificate unless he has completed at least 3 years of high-school work or its equivalent.

Two kinds of domestic science certificates are provided, one to teach in stenographic department and one to teach in regular business department of Arizona public schools.

Examinations for those not holding credentials are as follows: For stenographic certificates—Methods of teaching and terms, perspective, landscape, color, principles of design, history of art, simple mechanical drawings and composition. Music—Definition of terms, signatures, staffs, notation, scales, intervals, rhythm, transposition, pitch, means for teaching, writing of music, and statement concerning experience, ability to sing and play. Business department—Short-hand, bookkeeping, commercial law, writing, typewriting, English, spelling and composition. Domestic arts—Cooking or sewing. Agriculture—Agronomy, horticulture, animal husbandry, poultry, farm mechanics.

Applicant for special subject certificates by examination must hold a first or second grade certificate, or take regular examination in the additional subjects required for them.

ARKANSAS.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State certificate.	State superintendent.	In State.....	All schools.....	For life.....		(a) 20 months (b) 12 months	State superintendent.	State superintendent.	(a) Examination in branches required for professional license and in addition in geometry, mental philosophy, Latin grammar and composition, and sociology, botany, physics, Caesar, Virgil and Cicero. Grade of 80 per cent on all subjects is required. Average, 90 per cent. (b) Degree from accredited institution.

State laws and regulations concerning teachers' certificates—Continued.
 ARKANSAS—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special subjects certificate.	County superintendent.	In county.	Special subjects only.	2 years.					Examination in subject applicant desires to teach. Completion of 2-year normal course required in bonus examination same as for third-grade certificate, and in addition examination in history of Arkansas, and physiology and theory and art of teaching. Average, 75 per cent, minimum, 65 per cent.
County license of second grade.	do.	do.	All schools.	1 year.	It is renewable twice.		State board.	State board.	Examination in orthography, reading, penmanship, English grammar, arithmetic, geography, United States history, and elementary agriculture. Average, 75 per cent, minimum, 60 per cent.
County license of third grade.	do.	do.	do.	6 months.	It is renewable once.		do.	do.	

CALIFORNIA.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life diploma for high schools.	State board of education.	In the State.	High schools or grammar schools.	Life.		48 months, 21 months of which is in California schools.			Issued to those who have held for 1 year a valid county or city and county certificate, corresponding in grade to the diploma applied for. On presentation of a resolution recommending the granting of a State diploma, signed by at least three-fourths of the county or city and county board of education under whom the applicant has taught.

Life diploma for elementary schools.	do.	do.	do.	do.	Same as for life diploma for high schools.
Life diploma for kindergartens and primary schools.	do.	do.	do.	do.	Do
Life diploma special.	do.	do.	do.	do.	Do.
High school certificate.	County board of education.	In the county.	6 years ¹	Renewable at the option of the county board. May be permanent after 5 years' experience; second renewal is permanent.	(a) Issued to holders of high school credentials, approved by the State board. Minimum requirements as follows: Graduation from an accredited 4-year college course, in addition to a 4-year high school course, plus 1 year of graduate study in an approved institution, one-half year of which was devoted to academic study, and the remainder in a practice school of secondary grade in a university or normal school, and in addition, a recommendation for a high-school certificate from the faculty of such higher institution. (b) To holders of special credentials from the State board of education given on 17 months' successful experience and credentials as above. Said credentials are sometimes determined by examination. (c) To holders of high-school certificates, issued by another city or county board in State of California.

¹ The State board of education issues "credentials" for certificates at its discretion. Credentials for high-school certificates are issued to applicants having the equivalent of a diploma of graduation from University of California and 1 year graduate work courses, including a prescribed amount of pedagogy. Credentials for elementary certificates are issued to those who have the equivalent of a diploma of graduation from a California State normal school or life diploma or certificate from another State.
² Any certificate granted to a candidate who has not had at least 1 year of experience shall not be valid for longer periods than 2 years.

State laws and regulations concerning teachers' certificates—Continued.
CALIFORNIA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Elementary school certificate.	County board of education.	In the county.	Elementary schools and 2 years intermediate schools. If holder completed 2 years work in college and one year course, he may teach 3d grade of intermediate schools, or 9th grade.	6 years.	Renewable at the option of the county board. May be permanent after 5 years' experience; second renewal is permanent.	8 months or none, 12 months, 4 years.	County board of education.	County board of education.	On examination (a) candidates must have completed 4 years high school course or 4 years successful teaching experience, and passed satisfactory examination in reading, English and American composition, English spelling, penmanship, drawing, vocal music, bookkeeping, arithmetic, algebra to quadratics, plane geometry, geography, civics, hygiene, United States history, history (ancient, medieval, and modern), school law, methods of teaching, and one of the following: Physics, chemistry, biology. Without examination (a) given to holders of the diploma State board by the State board requiring qualifications equivalent to those in California, and (b) to holders of State normal diplomas in California or equivalent institutions approved by the State board of education, and (c) to holders of certificates from other counties or city and county of California who have had 8 months successful teaching experience, and (d) to holders of A. B. degrees in the University of California equivalent institutions with 8 months experience or

State laws and regulations concerning teachers' certificates—Continued.
CALIFORNIA—Continued.

Name of certificate.	Issued by.	Valid in.		Duration.	Persistence.	Experience required.	Questions.	
		Territory.	Schools.				Prepared by.	Examined by.
Temporary elementary certificate.	County superintendent.	In the county.	Elementary schools.	6 months.	Only one in same county.			(1) Issued to holders of valid certificates in other counties; (2) to holders of credentials from normal schools; and (3) to holders of State board credentials.
Temporary kindergarten certificate.	do.	do.	Kindergarten.	do.	do.			(1) Issued to holders of similar certificates in another county; (2) holders of credentials from institutions authorized by State board of education or credentials issued by State board.
Temporary special certificate.	do.	do.	Special subjects only.					Same as above.
Attendance officer certificate.	County board.	do.	do.					Issued on special credentials issued by State board of education.
Health and development certificate.	do.	do.	do.					Issued on special credentials issued by State board of education. Applicants must also hold certificate from California State board of medical examiners or State board of registration of nurses from State board of health.

* California normal schools or those on list of schools accredited by the State board.
 Note.—Preliminary certificates are given to teachers in training, who receive no salary. These are good for 2 years.

COLORADO.

Name of certificate.	Issued by.	Valid in.		Duration.	Persistence.	Experience required.	Questions.	
		Territory.	Schools.				Prepared by.	Examined by.
Primary teachers' college and normal school diploma.	Governing board of State teachers' college.	In State.	All schools.	For life.	None.			Applicant must have diploma granted on completion of a course in the State teachers' college or State normal school, at least 2 years in addition to a 4-year high-school course.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State diploma without examination.	State board of education.	5 years.	Renewable for 5 years in discretion of State board of education; then renewable for life.	24 months.	State board of examiners.	Graduation from a Colorado college maintaining standard course and requiring 4-year standard high school course or equivalent for admission. Professional training equivalent to one-sixth standard 4-year course in at least three of these (one being No. 4): (1) General and educational psychology; (2) history of education; (3) science and principles of education; (4) practice teaching and special methods; (5) organization and management of schools; (6) philosophy, sociology, and anthropology. Applicants must have attained and professional statements equivalent to above. Equivalency determined by the board. It may include an informal examination.
Upon examination.	do.	do.	do.	do.	State board of examiners.	As for State diploma.
Without examination.	do.	do.	do.	6 years' eminent educational service in Colorado.	State superintendent.	Examination in orthography, reading, writing, arithmetic, English grammar, Constitution of United States and the constitution of Colorado, civil government, physics, natural science, theory and practice of teaching, and school law of Colorado. If applicant is to teach in high school, examination shall extend to such additional branches as are to be pursued in such schools.
Temporary certificate.	do.	do.	Nonrenewable.	None.	do.	Same as first class, but lower percentage is required.
First-grade county certificate.	In county.	3 years.	Renewable at the option of the superintendent.	12 months.	County superintendent.	Requirements determined by district board.
Second-grade county certificate.	do.	do.	do.	do.	do.	do.
Third-grade county certificate.	do.	do.	do.	do.	do.	do.
School district certificate (districts of first class).	School district board.	Varies.	Determined by district board.	Varies.	Determined by district board.	do.



State laws and regulations concerning teachers' certificates—Continued.
CONNECTICUT.

Name of certificate.	Issued by—	Territory.	Valid in—	Duration.	Perpetuity.	Experience required.	Prepared by—	Questions.	Scholarship requirements.
Statutory certifi- cate.	State board of education.	In State.	All schools.	Generally 1 year, until July 1 fol- lowing ex- amination.	Renewable on evidence that holder has taught and man- aged suc- cessfully.		State board of education.	State board of education.	Examination in statutory sub- jects—spelling, arithmetic, penmanship, reading, gram- mar, history, dictation of citi- zenship, physiology, geogra- phy. Limited only to candi- dates who have passed an engagement to teach.
Elementary cer- tificate.	do.	do.	Elementary schools.	do.	May be re- newed upon evidence that holder has taught and man- aged suc- cessfully.		do.	do.	Examination on subjects re- quired for statutory certifi- cate, and in addition in the elementary subjects, and candidates must show evidence of ability to teach subjects. In addition to examination, papers on certain assigned topics on each of the subjects required by the board. Applicant must satisfy all re- quirements for an elementary certificate.
Supervision certifi- cate.	do.	do.	All schools.	do.	do.	2 years' expe- rience re- quired in a town having a supervi- sory agent.	do.	do.	Applicant must submit papers showing an acquaintance with the subjects of the curriculum and with the teach- ing and in addition prelimi- nary papers and examina- tion same as for elementary certificate.
Kindergarten cer- tificate.	do.	do.	In kindergar- ten schools.	do.	do.		do.	do.	Candidates should notify the secretary of the State board of their willingness to above by actual exercise in teaching children that they can teach and manage with exceptional skill.
Honor certificate.	do.	do.	All schools.	do.	do.	2 years' experi- ence.	do.	do.	Candidates may be required to show the secretary of the State board that they are the special subject of the exami-
Special excellence and special pro- fession certifi- cate.	do.	do.	do.	do.	do.		do.	do.	

State laws and regulations concerning teachers' certificates—Continued.
DELAWARE.

Names of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Certificate in administration and supervision.	State commissioner of education.	State.	Administration and supervision in all schools.	3 years.	Renewable for 3-year periods on evidence of successful experience and professional skill.	3 years as administrator and teacher.			Graduation from a State college or university, and in addition completion of 1 year's graduate study at a recognized university, course to include public school administration, special education, and method of teaching.
Certificate elementary school supervision.	do.	do.	Elementary schools.	do.	do.	3 years' experience in elementary schools as supervisor or teacher.			(a) Graduation from standard normal course and in addition completion of 2 years' academic work in standard college or university; course to include academic branches related to the elementary schools and elementary school methods and supervision. (b) Graduation from 4-year course of a standard college or university, which course includes work in academic branches related to elementary school and elementary school methods and supervision.
Certificate in special supervision: Physical training, music, fine and applied arts, household arts, manual or industrial training, and other special cases.	do.	do.	Special subjects.	do.	do.	3 years' experience as supervisor or teacher.			Applicant must have specialized in the branch or branches for which the certificate is issued, including art of teaching and supervising special subjects, and have completed 4 years of work of college grade.
Supervisors of schools' certificates.	do.	do.	Special school districts.	do.	do.	3 years' experience as administrator or principal or teacher.			Graduation from standard college or university and in addition completion of a graduate work at standard university including elementary school

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

High school principal's certificate.	do.	do.	do.	do.	2 years' experience as principal or teacher.	and high-school methods, supervision, and administration from a standard college or university, and in addition a year's graduate work at standard university including high-school methods, supervision, and administration. Graduation from a standard college or university. Applicant must have included in college course work in the teaching of elementary school and high-school subjects and in supervision and administration. This certificate is required in State-aided high schools and high schools rated by the commission of education and valid in elementary schools in the same building as such high schools. Graduation from standard college or university. Applicant's course must have included at least two high-school branches continuously pursued for 2 years, aims and methods of secondary education, and practice teaching of high-school studies.
High and elementary school principal's certificate.	do.	do.	do.	do.	1 year's experience as principal or teacher.	Applicant must have specialized in the branch or branches for which the certificate is issued, including art of teaching same, and have completed 4 years of work of college grade.
High school teacher's certificate.	do.	do.	do.	do.	do.	Applicant must have specialized in the branch or branches for which the certificate is issued, including art of teaching same, and have completed 4 years of work of college grade.
Special high school certificate. Music, manual or industrial training, household arts, fine and applied arts, commercial service branches, physical training, agriculture.	do.	do.	do.	do.	do.	Applicant must have specialized in the branch or branches for which the certificate is issued, including art of teaching same, and have completed 4 years of work of college grade.

¹ Certificates in administration and supervision are required of all county superintendents. Certificates in elementary school supervision are required of assistant superintendents and elementary school supervisors. Certificates in special supervision are required from supervisors of special subjects. A superintendent of schools' certificate is required in all special school districts. A high-school principals' certificate is required in all first-class State-aided high schools.

State laws and regulations concerning teachers' certificates—Continued.
DELAWARE—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Elementary school principal's certificate.	State commissioner of education.	State.	Elementary schools with 3 or more teachers.	3 years.	Renewable for 3-year periods on evidence of successful experience and professional spirit.	3 years.			(a) Applicant must have completed a 2-year standard normal course. Applicant must have in addition not less than a full half year's work in a recognized college or university in elementary school methods, supervisory and administrative. (b) Equivalent academic and professional work in a recognized college or university.
Elementary school teacher's certificate— First grade (a)	do.	do.	Elementary schools.	do.	do.	do.			Completion of a 2-year professional elementary school course in a standard normal school, college, or university. Completion of 2-year professional course in kindergarten in a standard normal school, college, or university.
First grade (b)	do.	do.	Kindergarten and first 3 primary grades of the elementary school.	do.	do.	do.			Graduation from a high school having a 4-year course, or the equivalent, on examination in reading, spelling, writing, arithmetic, oral and written English, geography, history of the United States and Delaware, community civics, elementary science, hygiene and sanitation, music, drawing, handwork, physical training, theory and precepts of teaching, and such other subjects as may be required by the State board of education, provided that applicant
Second grade.	do.	do.	Elementary schools except those of special school districts.	2 years.	May be renewed for 2 years after successful experience and two weeks additional preparation in a state or institutional. Additional news on condition as above.		State commissioner of education with the approval of State board of education.	State commissioner of education.	

State laws and regulations concerning teachers' certificates—Continued.

FLORIDA.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions. Prepared by—	Examined by—	Scholarship requirements.
		Territory.	Schools.						
State life certificate	State superintendent.	State.	All.	Life.		18 months high school or college teaching within the State under a State certificate.			Applicant must have valid State certificate used in Florida and must show evidence of eminent ability to teach by recommendation of three persons holding life certificates.
Graduate State certificate.	do.	do.	do.	5 years.	Made life graduate certificate after 24 months' experience and indorsement from 3 persons holding life certificates.		President of institution.		Graduation from a normal or collegiate department of the University of Florida and the Florida State College for Women, or any chartered college or university in the State maintaining equal courses with the State board of control or an equivalent substitute, with a general average during the junior and senior years of 85 per cent and having devoted three-twentieths of their time to psychology and education. Applicant must have 30 months' successful experience under primary certificate.
Life primary certificate.	do.	do.	Primary.	Life.		32 months in a school of not less than 4 teachers.			
First-grade life certificate.	do.	do.	All.	do.		(a) 48 months, 10 of which are consecutive life on first-grade certificate. (c) 48 months on certificates filed.	State board of examiners.	State board of examiners.	(a) Applicant must have two first-grade certificates, whose average grade is 80 per cent or more and one of which is valid. (b) Must file with State superintendent valid first-grade certificate and evidence of experience as in column 6. (c) Must file with State superintendent first-grade certificate with three extensums secured by attendance at summer schools.

State laws and regulations concerning teachers' certificates—Continued.
FLORIDA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special certificates (a) subject above these required for the second-grade certificate), special certificate.	State superintendent.	State	Special subjects only.	5 years.	Renewable on one year's attendance at summer school.		State board of examiners.	State board of examiners.	Examination in special branch which applicant wishes to teach.
Second-grade certificate.	do.	do.	do.	do.	do.		State board of examiners.	State board of examiners.	Applicant must file diploma or certified copy above and that he or she is a regular graduate of a standard college university, or normal school since June 16, 1908, with student record from alma mater. Examination in arithmetic, geography, orthography, history, grammar, composition, physiology, hygiene, reading, agriculture, theory and practice of teaching, civil government. Applicant must make average of 40 per cent with no branch below 60 per cent. Same as above, except average must be 30 per cent with no branch below 50 per cent; committing certificate and civil government.
Third-grade certificate.	do.	do.	do.	1 year.	do.		State board of examiners.	State board of examiners.	
Temporary certificates.	do.	County or adjoining county.	do.	Until next examination.	Until next examination.	None.	Without examination.	Without examination.	

GEORGIA.

Professional normal certificate.	State board of education.	In State.	Elementary schools or high schools (see column 10).	3 years.	Renewable for an indefinite number of 2-year periods if active.		State board of education.	State board of education.	(a) Graduation from an approved normal school, the curriculum of which is equivalent at least to 14 high school units. Applicant must have
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State laws and regulations concerning teachers' certificates—Continued.
 GEORGIA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Professional college certificate.									(c) Graduates of colleges as above outside State, who submit satisfactory examination in history and geography of Georgia, and who have taken courses as required above, or who hold temporary professional certificate. (d) A. B. degree from university or college and in addition presentation in summer school, issued to applicants actually engaged in teaching. (e) Applicants actively engaged in teaching who are graduates of institutions of grade lower than 11 unit colleges, and who have attended at least one session of summer school, normal school or college, and fulfilled requirements for professional college certificates.
Special subject certificate: Music, manual training, physical education, domestic science, kindergarten, commercial branches, stenography.	State board of education.	In State.	Special subjects only.	3 year.	Renewable for an indefinite number of 3-year periods of active teaching or supervision, subject to regulations of the State board concerning attendance at professional school or examination in reading in course.				Graduation at least from an approved high school or its equivalent, and special training in the subject the applicant desires to teach, and science methods of teaching. (Also modified, most requirements of Smith-Hughes law.)

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

County certificates. Primary certifi- cates.	County board of education.	In county	First grades.	3 years, 2 years, 1 year.	First-grade cer- tificates re- newable on 3 years' suc- cessful expe- rience and completion of reading course pre- scribed by the State board of edu- cation.	State school commission- er.	County school commission- er.	Examination in reading, writ- ing, spelling, arithmetic (to per centage), language les- sons, composition, elemen- tary geography, and new manual of methods.
Grade 1—80 per cent. Grade 2—75 per cent. Grade 3—60 per cent.	do.	do.	Elementary schools.	do.	do.	do.	do.	Same as for primary certificate, and in addition examination in arithmetic, grammar, history of the United States, civics, geography, physiology, agriculture.
General elemen- tary certificate: Grade 1—80 per cent. Grade 2—75 per cent. Grade 3—60 per cent.	do.	do.	Elementary schools.	do.	do.	do.	do.	Same as for primary certificate, and in addition examination in arithmetic, grammar, history of the United States, civics, geography, physiology, agriculture.
High school and supervisory cer- tificate: Grade 1—80 per cent. Grade 2—75 per cent. Grade 3—60 per cent.	do.	do.	High schools.	do.	do.	do.	do.	Examination in school man- agement and methods of teaching high-school subjects, and in three of the following groups: (1) Mathematics—Arithmetic, algebra through quadratics, plane geometry. (2) English—Grammar, com- position, rhetoric, English and American literature. (3) Science—Agriculture, phys- ics, biology, elementary phys- iology, botany, zoology. (4) Languages—Latin, French, German, Spanish, Greek. (5) History—Ancient, modern, English.
Equivalent certifi- cate.	State board of education.	State.	Schools for which issued.	Time for which originally is- sued.	See column 5.			Holders of certificates from other States provided that equivalent qualifications are shown. Examination re- quired in history and geo- graphy of Georgia. Issued to graduates of college who have not taken the pre- scribed courses in education, but have completed reading course prescribed for renewal of temporary certificate.
Temporary profes- sional certificate.	do.	do.	All.	Until next reg- ular exami- nation.				

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State laws and regulations concerning teachers' certificates—Continued.
IDAHO.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State life certificate.	State board of education.	State.	All.	For life.		5 years.	State board of education.	State board of education.	(a) Issued to applicants who hold life certificates from other States of approved educational standing, who have had at least 5 years experience in teaching in Idaho and who have been recommended by the board of their ability to instruct and manage the school, by showing that they are professionally trained or qualified. Applicant must have credit in examination in Idaho civil government including school law, and Idaho manual of the course of study. (b) Issued to applicants who pass a thorough examination in such branches who have experience in (a). (c) Issued to graduates from the advanced course (2 year normal work above four-year high school) in State normal schools, and to graduates of A. B. or F. S. course of a department of education in colleges or universities if such institutions are approved by the State board of education. (d) or to persons who hold State life certificates issued in other States upon examination, provided all applicants were then engaged in teaching within 2 years of the date of such application and have had at least 18 months' successful experience. In addi-
State certificate.	do.	do.	do.	8 years.	Renewable at the discretion of the State board of education.	(a) 18 months. (b) 3 years.	do.	do.	

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State laws and regulations concerning teachers' certificates—Continued.

IDAHO—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State life high school certificate.	State board of education.	State	In grades 7 to 12 inclusive.	For life.		24 months or 40 months.	State board of education.	State board of education.	Issued to graduates from an approved college or university, including at least four semesters work in a professional capacity, or to holders of a certificate with at least 21 months' experience or holders of state high school 5-year certificate with at least 5 years' experience, aggregating not less than 40 months.
State high school 5-year certificate.	do.	do.	do.	5 years.	Not stated.	14 months or 30 months.			(a) Issued to graduates from an approved college or university who have had not less than 14 months successful experience. (b) Issued to applicants on completion of not less than two years normal school or college work above high-school grade, and not less than 30 months successful experience, provided that the college or university or normal school above referred to include at least three full semesters of professional work for teachers.
State high school 1-year certificate.	do.	do.	do.	1 year.	Must be re-issued for 2 years on satisfactory evidence of successful teaching for at least 6 months.				Issued to applicants who have completed at least 2 years normal school or college work above high-school grade of quality and character satisfactory to the State board of education. The examination must include at least 10 full semesters of professional work for teachers.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

First-grade county certificate.	County	County	Elementary schools.	5 years.	7 months.	do.	do.
<p>Issued to applicants who have passed a satisfactory examination in all the branches required for a second-grade certificate, and in addition in English literature, principles of teaching, algebra, physics, or botany, and medieval and modern or English history. Holders of valid second-grade certificates may be excused from examination in second-grade subjects if they have had seven months teaching experience, and have attended since receiving second-grade certificates a professional school for teachers for at least 6 weeks and received credits in at least four subjects.</p>							
<p>Issued to applicants who have passed a satisfactory examination in all branches required for third-grade certificates, and in addition in physical geography, American literature, English composition, and the cataloging of books and libraries. Applicants may be excused from examination in third-grade subjects if the holders of valid third-grade certificates have taught 7 months and have attended since receiving such third-grade certificates a professional school for teachers for at least 6 weeks and received credits in at least two subjects of normal school or university grade.</p>							

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NOTE.—A professional school for teachers shall mean a State normal school, a State summer normal school for teachers, a department of education in the State university, or State normal school or teachers' normal institute, maintained under such conditions and restrictions as may be provided by the State board of education.



State laws and regulations concerning teachers' certificates—Continued.
IDAHO—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Fees.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Third-grade county certificate.	County superintendent.	County	Elementary schools.	1 year	May be received if holder attends a professional school for a period of not less than weeks and receives credit in at least 3 subjects or passes an examination in all the subjects required for a third-grade certificate.		State board of education.	State superintendent.	Examination in orthography, spelling, reading, penmanship, arithmetic, elementary composition, grammar, geography, history of the United States and of the State of Idaho, physiology and manual of the school law, course of study for Idaho and the elements of arithmetic. In addition to passing examination as above, applicant shall have attended a professional school for teachers for at least 6 weeks and shall have received in such school standings in the school law of Idaho, in school management and in methods of teaching, reading, language, arithmetic, history and geography, provided that the applicant make to the satisfaction of professional schools shall not apply to persons who have taught successfully for at least 8 months prior to July 1, 1911.

NOTE.—No person shall be granted any form of county certificate who has not completed 4 years of high-school work or its equivalent unless he has had 8 months' experience prior to May 1, 1914.

ILLINOIS.

State elementary certificate.	State superintendent.	State.....	Elementary and 2 years of high.	4 years.....	Renewable at expiration for Illinois on evidence of successful experience.	3 years, 2 in State on a first grade certificate	State examining board.	State examining board.	All of the following: (1) Graduation from a recognized high school and a recognized normal school, or equivalent preparation. (2) Examination in English, educational psychology and principles of teaching. (3) Thesis on one subject in elementary school furnished by the superintendent of public instruction.
Four years' high school certificate.	do.	do.	Elementary and high.	do.	do.	3 years' experience, 2 of which are in the State on first-grade certificate or high-school certificate or supervisory county certificate.	do.	do.	All of the following: (1) Graduation from a college or university, or equivalent preparation. (2) Examination in English, educational psychology, principles and methods of teaching. (3) Thesis on secondary school problem.
Four years' supervisory certificate.	do.	do.	Supervision of teaching all grades.	do.	do.	3 years, 2 in State on supervisory certificate.	do.	do.	All of the following: (1) Graduation from a high school and normal school, or equivalent preparation. (2) Examination in English, educational psychology, sociology, history of education, school organization, administration and supervision. (3) Thesis on some problem of school administration.
First-grade elementary school certificate.	County superintendent.	County.....	First 10 grades of common schools and high schools when in same for seven years supervisory.	3 years.....	Renewable indefinitely for 3-year periods on evidence of successful teaching experience and professional growth satisfactory to the county superintendent.	(a) 6 months or (b) 1 year.	do.	do.	(a) Graduation from a recognized high school or equivalent preparation, and examination in orthography, English, spelling, logic, civics, history, physiology, arithmetic, pedagogy, and the following: Botany, zoology, physics, chemistry, physiology. (b) Graduation from a recognized normal school or institution offering an equivalent preparation. The word "recognized"

Illinois normal schools do not require high-school graduation for entrance. Pupils are taken after completion of the tenth grade for certain courses. The word "recognized" as used here means approved by the State superintendent or State examining board.

State laws and regulations concerning teachers' certificates—Continued.
ILLINOIS—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
High-school certificate.	County superintendent.	County	High and seventh grades.	3 years	Renewable indefinitely for 3-year periods on evidence of successful teaching experience and professional growth satisfactory to the county superintendent.		State examining board.	State examining board.	Completion of 2 years in recognized higher institution of learning in addition to graduation from recognized high school, and examination in English, pedagogy, and 6 high-school subjects. Graduates of recognized normal schools, colleges or universities may offer certified credit in lieu of the examination in the above subjects if accompanied by recommendations of faculty regarding applicant's ability to teach in high schools.
Supervisory certificate.	do.	do.	All.	do.	Renewable for 3-year periods on evidence of successful teaching or supervisory work and professional growth.	2 years' teaching or supervising.	do.	do.	Graduation from a recognized high school and 2 years' work in higher institution, 1 year of which shall be in a normal school or equivalent preparation and examination in English, educational psychology and history of education, school administration.
Second-grade elementary school certificate.	do.	do.	Elementary grades 8 and 10 when endorsed by county superintendent.	2 years	Renewable for 6 months' teaching or 12 weeks' professional training. Renewable second time for 18 weeks' professional training at training schools and subject renewed in.		do.	do.	(a) Examination in orthography, civics, Illinois history, physiology, penmanship, psychology, grammar, geography, United States history, arithmetic, elementary science, pedagogy, principles and methods of the State course of study. Graduation from a recognized high school or equivalent preparation is required for admission to this examination. (b) May also be given to persons who have completed the

State laws and regulations concerning teachers' certificates—Continued.
INDIANA.

Name of certificate	Issued by—		Valid in—		Duration.	Persistence	Experience required.	Questions.		Scholarship requirements.
	Territory.	Schools.	Territory.	Schools.				Prepared by.	Examined by.	
Life license.....	In State.....	All schools.....	For life.....					State board of education.	State board of education.	Applicant must be holder of professional license, and passed examination in pedagogy, rhetoric, general history, English literature, physics, geography, and two of the following: chemistry, zoology, botany, with grades as for professional certificate.
Life State license (for college graduates only).	do.....	do.....	do.....	30 months, 10 of which in Indiana.	do.....			do.....	do.....	Issued to graduates of colleges who have 30 months' common school license, or higher, and have passed examination in three of the following: General history of education, school systems and law of Indiana, educational psychology, experimental psychology, child study, school systems of Europe and America, methods of instruction and license in other States which were granted upon examination and training equivalent to those required for life licenses in Indiana.
Life license by val- idation.	do.....	do.....	do.....					do.....	do.....	Issued to those having life licenses in other States which were granted upon examination and training equivalent to those required for life licenses in Indiana.
State normal diploma.	do.....	do.....	do.....	2 years.				do.....	do.....	(1) State normal diploma, representing 3 full years in addition to 4 years of high school education. Must be countersigned by State superintendent after the required experience. (2) State normal school diploma, granted to graduates of life certificates after 2 years' successful experience.

Life certificate	State teachers' training board	do.	do.	do.	(a) Elementary schools. (b) High schools.	8 years	48 months	State board of education	State board of education
Professional license	State board of education	do.	do.	All schools	All schools	4 years	None required	State board of education	State board of education
Provisional certificate: (a) Elementary certificate. (b) High school certificate.	Institution in which course is completed	do.	do.	Elementary schools, high schools and certain subjects.	Elementary schools, high schools and certain subjects.	4 years	None required	No examination given	No examination given
Provisional special certificate: Drawing, penmanship, manual training, physical culture, domestic science, agriculture, kindergarten.	State superintendent	do.	do.	Subjects for which issued.	Subjects for which issued.	4 years			

(Courses leading to graduation are four years in duration in addition to high school graduation.)

(a) Holders of State elementary provisional certificate on satisfactory evidence of two years' successful teaching in the public elementary schools of the State within the life of the State provisional certificate.

(b) Issued to holders of high school provisional certificates on satisfactory evidence that applicant has taught successfully two full years the subjects in which he has 2 full years' credit.

Applicants must have held two or more months' licenses and passed examinations in the following: Algebra, civil government, American literature, science of education and two of the following: Geometry, Latin, botany, physics, Spanish, education. The average grades must be 80 per cent and no branch below 75.

(a) Graduation from any 2-year teachers' course approved by State teachers' training board. Must be countersigned by the State superintendent.

(b) Issued to graduates from approved 4 years' teacher training courses for teaching the subjects in which applicant has earned at least two full years' credit.

Graduation from approved 2-year teachers' training courses if applicants have pursued the special teaching or supervisory courses therein in the subjects for which certificate is issued.

State laws and regulations concerning teachers' certificates—Continued.
INDIANA—Continued.

Name of certificate.	Issued by—	Territory	Valid in— Schools.	Duration.	Residence.	Experience required.	Prepared by—	Questions.	Scholarship requirements.
Special licenses— State board of education.	State board of education.	District schools and small towns.	Elementary grades.	3 year.			State board.	State superintendent of public schools.	Graduation from a special 2-year course for teachers.
Common school license. 12 months. 24 months. 36 months.	State superintendent.	In State.	do.	12 months. 24 months. 36 months.	Provision made for expiration for holders of 36 months license after 6 years' experience if applicant remains in profession.		State board.	do.	Class A qualifications with an average of 85 per cent, no branch less than 75 in examination on arithmetic, grammar, literature, history, reading, physiology, geography, science of education, orthography, writing, and scientific temperance. Class B qualifications and in addition an examination in branches enumerated above for 12 months' license with an average of 80 per cent and no branch below 80 per cent. Class C qualifications plus examinations as for 12 months' license. Average of 85 per cent, no branch below 83 per cent.
Primary licenses. 12 months. 24 months. 36 months.	do.	do.	1st, 2d, 3d, 4th grades.	12 months. 24 months. 36 months.	do.		do.	do.	Same as for common schools licenses, except applicants answer 3 of the 8 questions given, and 3 additional questions relating to the primary phases of the subject. Eligibility requirements same as for common school license, subjects selected from those taught in the school and science of education.
High school license. 12 months. 24 months. 36 months.	do.	do.	High school subjects designated.	12 months. 24 months. 36 months.	do.		do.	do.	Requirements and regulations same as for common school license in these 3 grades. Examinations in special subjects only, or in lieu of ex-
Supervisor's license. 12 months. 24 months. 36 months.	do.	do.	To supervise and teach special subjects.	12 months. 24 months. 36 months.	do.		do.	do.	

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State laws and regulations concerning teachers' certificates—Continued.

IOWA.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
First-grade State certificate upon examination.	State board of examiners.	In State.	All schools.	5 years.	Renewable for 10 years, but not more than 3 years of which shall have been during the life of said certificate.	2 years.	State board of examiners.	State board of examiners.	Examination in the following subjects: Reading, arithmetic, geography, English grammar, United States history, music, physiology of voice, bookkeeping, drawing, botany English composition, elementary psychology, school law, history of education, school management, school literature, both English and American, general history, geometry, and school psychology, school supervision.
Second-grade State certificate upon examination.	.do.	.do.	.do.	.do.	.do.	.do.	.do.	.do.	Examination in subjects as for first-grade certificate, except rhetoric, literature, general history, geometry, advanced psychology, school supervision.
Primary State certificate.	.do.	.do.	1st, 2d and 3d grades.	.do.	.do.	2 years in 1st, 2d and 3d grades.	.do.	.do.	Examination in the following subjects: Psychology, history of education, plant study, primary methods, general psychology, training, drawing, school law, school management in education applicant must present a theme on a subject assigned by the State board, and must be the holder of a second-grade uniform county certificate, or a certificate of higher grade.

<p>First-grade State certificate with out examination.</p>	do. do.	do. do.	do. do.	do. do.	do. do.	do. do.	do. do.	do. do.	
<p>Second-grade State certificate with out examination.</p>	do. do.	do. do.	do. do.	do. do.	do. do.	do. do.	do. do.	do. do.	

Issued to (a) graduates of the State university, the State teachers' colleges, the State college of agriculture and mechanic arts and other accredited Iowa colleges whose records include 6 semester hours in psychology and 14 in education; (b) graduates of approved colleges of other States with the same training in psychology and education who have taught successfully for two years; (c) holders of certificates of other States upon graduation from a college or university with psychology and education as in (a) and (b) and teaching experience as in (b); (d) teachers of 15 years' experience and educational training satisfactory to the educational board of examiners.

Issued to (a) graduates of 2-year courses above secondary grade at the State teachers' college; (b) graduates of approved 2-year normal courses in Iowa colleges which do not have approved training schools, when they have taught successfully for 2 years; (c) graduates of normal schools of other States which meet the Iowa normal school standards who have taught successfully for 2 years; (d) holders of certificates of other States, based upon graduation from approved normal schools, who have taught successfully for 2 years.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State laws and regulations concerning teachers' certificates—Continued.
IOWA—Continued.

Name of certificate.	Issued by—		Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
	State board of examiners.	In State.	Territory.	Schools.				Prepared by—	Examined by—	
Preliminary third-grade State certificates.	State board of examiners.	In State.		All schools.	5 years.	May not be renewed.	No experience required.			Issued to (a) graduates of accredited Iowa colleges whose record does not include psychology and education and State certificate; (b) to graduates of approved colleges of other States without psychology and education; provided they have taught successfully for 2 years; (c) holders of State certificates of other States issued upon graduation from approved colleges, without teaching experience of psychology and education; (d) graduates of approved 2-year normal courses in Iowa colleges; (e) holders of certificates of other States issued upon graduation from approved normal schools who have had less than 2 years' teaching experience.
First-grade uniform county certificate.	do.	do.	do.	do.	3 years.	Renewed for 3-year period upon pedagogical reading and professional spirit. Certificates having an average of 85 with no subject below 80 are awarded for life after 3 years' successful teaching.	35 weeks.	State board of examiners.	State board of examiners.	Examination in the following subjects: Orthography, reading, writing, arithmetic, geography, grammar, history of the United States, didactics, elementary civics, elementary algebra, elementary geometry, elementary physics, elementary vocal music, elementary physiology, elementary agriculture and domestic science. Minimum training with minimum grade and average of 75 and 85.

State laws and regulations concerning teachers' certificates—Continued.

KANSAS.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life diploma.	State board of education.	In State.	All schools.	Life.		5 years, 3 of which shall be in Kansas.			Issued to teachers of eminent ability, who possess the qualifications for the 3-year certificate renewable for life. Issued on completion of 2-year course at State normal school in addition to 4-year high school course.
State normal school life certificate.	State normal school.	do.	Elementary schools and junior and senior high schools.	do.					Issued to applicants holding bachelor of science degree in education from State normal school on completion of 4-year course.
State normal life diploma.	do.	do.	Elementary and high schools.	do.					Issued on completion of course prescribed by the State normal schools in the subject for which issued.
State normal school special certificate: Manual training, domestic science, agriculture, commercial branches, drawing, music, and occupation.	do.	do.	Special subjects only.	do.					
Three-year certificate renewable for life.	State board of education.	do.	Elementary and high schools.	3 years.	Renewable for life in compliance with the regulations of the State Board.	2 years after 2-year certificate was issued and compliance with requirements of State board. Certificate expires if applicant does not continue teaching for 3 consecutive years.	State board of education.	State board of education.	(a) Examination in branches prescribed by the State board or (b) completion of 4-year high school course and 4-year course in normal school, college, or university accredited for the purpose by the State board.

Three-year certificate.	do	Elementary schools or high schools under regulations prescribed by the State board.	do	Renewable for 3-year periods or may be made a permanent certificate after 3 years' experience in teaching or supervising in the public schools of the State of Kansas, provided that attendance at any accredited normal school, college or university in this State during the 3-year period may be accepted as equivalent to experience in supervising or teaching.	do	do	(c) Written examination in branches prescribed by the State board, or (b) graduation from a 4-year high school and in addition, completion of 3-year course in accredited normal school, college, or university.
Special certificate: Kindergarten, manual training, domestic science and art, agriculture, commercial branches, physical training, music, drawing and such other specialized subjects as may be determined by the State board.	do	do	do	do	do	do	do
Special certificate: 3-year periods at the discretion of the State board.	do	do	do	do	do	do	do

State laws and regulations concerning teachers' certificates—Continued.
KANSAS—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Three-year elementary certificate.	State board of education.	In State	Valid in an elementary school.	3 years	May be renewed for 3-year periods or made a permanent certificate valid for teaching in elementary schools after 3 years' successful and continuous experience in teaching or supervising, provided, that attendance at any accredited normal school, college or university for 1 year, which full credit is given may be accepted as equivalent to such experience.	None or 4 years.			(a) Issued to holders of first-grade teacher's and certificates issued by the first and second classes who have completed a 4-year course in an approved high school, and in addition a 2-year course in a normal school, college or university, accredited by the State board. (b) In lieu of course in normal school, university, or college, applicant must be a graduate of a 4-year high school course and have 4 years' successful experience.
State normal school 2-year certificate.	State normal school.	do	Elementary schools.	do	do	do			Issued on completion of standard 4-year high school course approved by the State normal school and completion of freshman course of the State normal school.

First-grade county certificate.	County examining board of which superintendent is chairman.	County in which certificate is issued.	Renewable for	State board of education.	County examining board.	Applicant must make an average of 90 per cent with no subject below 75 in all branches required for second-grade certificate and pass additional examination in English, history, and physics, and must have completed a 2-year course in an approved high school or equivalent preparation. Applicant must be at least 20 years of age.
Normal training teachers' certificate.	State.	State.	2 years.	State board of education.	County examining board.	Graduation from normal training course in high schools and academies approved for the purpose by the State board of education.
Second-grade county certificate.	County examining board.	County. May be issued in other counties.	7 months.	State board of education.	County examining board.	(a) Applicant must make an average of 80 per cent with no branch below 60 in all branches required for third-grade certificate and in addition music, and must have completed at least 1-year course in an approved high school or equivalent preparation to applicants without experience who have completed a 4-year course in an approved high school. Applicant must make an average of at least 75 per cent with no branch below 60 in the following subjects: Spelling, reading, writing, English grammar, composition, geography, arithmetic, United States history, Kansas history, civil government, physiology, hygiene, elements of agriculture, elements of general science, English classes, principles and methods of teaching. Not more than two and one-half certificates will be granted to any one person.
Third-grade county certificate.	County.	County.	1 year.	State board of education.	County examining board.	Applicant must make an average of 90 per cent with no subject below 75 in all branches required for second-grade certificate and pass additional examination in English, history, and physics, and must have completed a 2-year course in an approved high school or equivalent preparation. Applicant must be at least 20 years of age.

State laws and regulations concerning teachers' certificates—Continued.
KANSAS—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State normal school 1-year certificate.	State normal school.	State	Elementary Schools.	3 years.	Not renewable.				Issued on completion of secondary course adopted by the State normal school.
Temporary certificate.	State board of education.	do.	In such schools and departments as are specified on the certificate.	do.	do.				Issued in emergency only under regulations of the State board. Not more than one shall be issued to any one person.

Note.—The county superintendent may issue temporary certificates to persons under 17 years of age, who have not failed in the preceding examination, good until the next regular examination.
No teacher shall teach in any high school who does not hold a State certificate as a high school teacher, granted by the State board of education or State normal schools.

KENTUCKY.

Name of certificate.	Issued by—	In State.	Life.	Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
							State board of examiners.	State board of examiners.	
State teacher's diploma.	State board of examiners.	Any school.	Life.	2 years.					Examination at the option on spelling, reading, writing, arithmetic, grammar, civil government, United States history and practice of teaching, and such other subjects as the State board of examiners may determine. English literature, algebra, geometry, physics, chemistry, Latin. Applicant must attain an average of 80 per cent with no branch below 70 and be at least 24 years of age.
Life certificate.	State board of education.	do.	do.	30 years.					Holder of certificate of the first class; issued at the discretion of the State board.
State certificate.	State board of examiners.	do.	5 years.	Renewable for 8 years on recommendation of the county board of examiners in					Recommendation of the county board and written examination in subjects embraced in common-school course of study, and English literature, elementary algebra, higher arithmetic, and 25-

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

<p>Normal certificates:</p> <p>(1) Elementary certificate.</p>	<p>Board of trustees of State university.</p>	<p>do.</p>	<p>Elementary schools.</p>	<p>1 year.</p>	<p>Not stated.</p>	<p>None.</p>	<p>None.</p>	<p>Applicant must have completed 1 year's work in normal department of the State university or State normal schools. Application approved by State superintendent.</p>
<p>(2) Intermediate certificate.</p>	<p>do.</p>	<p>do.</p>	<p>Intermediate schools.</p>	<p>2 years.</p>	<p>do.</p>	<p>do.</p>	<p>do.</p>	<p>Applicant must have completed at least 2 years' work in one of the above institutions. State superintendent must approve.</p>
<p>(3) Advanced certificate.</p>	<p>do.</p>	<p>do.</p>	<p>All schools.</p>	<p>5 years.</p>	<p>Extended for life after 3 years' experience.</p>	<p>do.</p>	<p>do.</p>	<p>(a) Applicant must have completed at least 3 years' work in one of above institutions. Approval of State superintendent. (b) Graduation from department of education from University of Kentucky.</p>
<p>County certificate of the first grade.</p>	<p>County superintendent of schools.</p>	<p>In county. May be valid in other counties in emergency for 1 year.</p>	<p>do.</p>	<p>4 years.</p>	<p>Renewable if holder has taught 4 consecutive years under first-class certificate.</p>	<p>State board of examiners.</p>	<p>State board of examiners.</p>	<p>Applicant must attain average of 80 per cent, with no branch below 60, in examination on all subjects in the common-school curriculum, and the science and art of teaching.</p>
<p>County certificate of the second grade.</p>	<p>do.</p>	<p>In county.</p>	<p>In schools of districts with fewer than 75 pupils.</p>	<p>2 years.</p>	<p>do.</p>	<p>do.</p>	<p>do.</p>	<p>Applicant must pass examination as for first-grade certificate, with average of 75 per cent and no branch below 60. Applicant must be at least 18 years of age.</p>
<p>High school certificate.</p>	<p>(a) State board of examiners. (b) State board of education.</p>	<p>In State.</p>	<p>High schools.</p>	<p>At the discretion of State board.</p>	<p>State superintendent may validate same during term of years not stated.</p>	<p>do.</p>	<p>do.</p>	<p>(a) Examination as rules and regulations of the State board prescribes. (b) Graduation from higher institution of learning approved by the State board.</p>

NOTE.—Private institutions "not conducted for private gain" may issue normal certificates on same basis as State university or normal schools, provided applicant has completed at least equivalent of 10 years' work in public schools.

State laws and regulations concerning teachers' certificates—Continued.
LOUISIANA.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special high-school certificate.	State examining committee.	In State.	All high schools.	5 years.			State examining committee.	State examining committee.	Examinations in the special subjects for which certificate is requested, with an average of at least 80 per cent. Additional examinations in English grammar and composition, penmanship, spelling, theory and practice of teaching. Must have a general average of 80 per cent, with no branch below 40.
First-grade certificate.	do.	do.	Elementary schools.	do.	Renewable for 5 years.		do.	do.	(a) Applicant must pass examinations with general average of 80 per cent, no branch below 40 for the following subjects: Plane geometry, higher algebra, higher arithmetic, English grammar, English composition, history of the United States and the Constitution of Louisiana, physical geography, physiology and hygiene, spelling, penmanship, theory and art of teaching. (b) Graduation from normal schools with courses of two years above a 4-year high-school course. (c) Graduation from college with course of 4 years above high school.
Second-grade certificate.	do.	do.	do.	3 years.	No renewal.		do.	do.	Applicant must pass examination with a general average of 80 per cent and no branch below 40 in the following subjects: Elementary algebra, arithmetic, English grammar and composition, history of the United States, geography, physiology and

hygiene, spelling, penmanship, theory and art of teaching.
 Examination same as for second-grade subjects except in algebra. General average 75 per cent, minimum 40.

1 Renewable on recommendation of parish superintendent. After 1921, 3 credits required for attendance at institute or normal summer school in addition to recommendations. Second and third grade certificates may be extended for a year through application of summer school credits.

NOTE.—Applicants receive 3 points credit to general average earned in examination for 6 weeks' course at summer normal school, 6 points for 8 weeks, 7 points for 9 weeks.

MAINE.

[State laws and regulations concerning teachers' certificates, Dec. 1, 1920.]

Third-grade certificate.	do.	do.	1 year.	do.	do.	5 year.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Elementary certificates, permanent.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Permanent professional certificate, elementary.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Permanent secondary certificate.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Professional elementary certificate, permanent.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Professional elementary certificate, probationary.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.

Issued to holders of elementary probationary certificates or those who meet equivalent requirements and in addition to the necessary experience pursue some professional study during the life of the temporary certificate.
 Issued to holders of professional elementary certificates having equivalent qualifications.
 Issued to holders of probationary secondary certificates who have gained the required experience and have pursued professional study during the life of the temporary certificate.
 Issued to holders of a probationary professional secondary certificate or others meeting the same requirements who have the required experience.
 (a) Issued to any person who has successfully completed a course in a Maine State normal school or other training school while in office not less than 2 years of work subsequent to a standard secondary school course.

Renewable for 5 years on successful experience.



STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State laws and regulations concerning teachers' certificates—Continued.

MAINE—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Professional elementary certificate, probationary.									(b) Issued to holders of elementary certificates who qualify by written examination in the following subjects: History of education, psychology, school management, methods as applied to elementary school branches, school law of Maine. Graduation from any Maine college or other college of equivalent standing if applicant has completed course in pedagogy approved by the State superintendent of schools before or after graduation or passes a satisfactory examination in the following subjects: History of education, school management, psychology, methods, school law of Maine. Issued to persons who have satisfactorily completed an approved course in subject for which certificate is desired.
Professional secondary certificate, probationary.	State superintendent.	State.	In-grades for which issued.	Life.	Renewable for 5 years on successful experience.				
Special certificates: Kindergarten, music, drawing, manual training, household arts, agricultural, mechanical, professional, probationary secondary certificates.	do.	do.	Special subjects for which issued.	do.	do.				(a) Completion of a 4-year course in a Maine college or other institution of equivalent standing; or (b) evidence of not less than 2 years of successful teaching in approved secondary schools, after the completion of not less than 2

years in college or normal school to obtain a certificate in another State if minimum requirements for a Maine secondary certificate have been met; or (d) satisfactory written examination in any of the following groups: English, mathematics, science, modern languages, ancient languages, civics, history.

Applicant must be at least 17 years of age and have finished a standard secondary school course or its equivalent. In addition, applicant must have evidence of successful teaching experience of not less than 2 years, or (2) have completed satisfactorily a normal or training school course subsequent to a standard secondary school course, or (3) hold a certificate issued in another State covering the requirements of the Maine elementary certificate, or (4) pass a satisfactory examination in the following subjects: Reading, orthography, penmanship, English grammar, composition, arithmetic, geography, United States history, civics, government, bibliography, nature study, Maine school law.

Issued on examination by local superintendent. Applicant must meet same prerequisite as for elementary probationary certificate.

Elementary certificate, probationary	do.	do.	do.	None or 2 years.	State superintendent.	State superintendent.	State superintendent.
Renewable after successful experience	Period specified	1 year	Nonrenewable	Elementary	Local superintendent	Local superintendent	Local superintendent
Temporary permit	Elementary	Elementary	Elementary	Elementary	Local superintendent	Local superintendent	Local superintendent

* Approved course must be satisfactory to the State superintendent of public instruction. The completion of 2 years of college or normal school is prerequisite for obtaining any certificate of secondary grade.

State laws and regulations concerning teachers' certificates—Continued

MARYLAND.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by	Examined by	
Certificate in administration and supervision.	State superintendent of schools.	In State.	All schools.	3 years.	Renewable on evidence of experience and proficiency.	2 years.			Graduation from a standard college or university or the equivalent in scholastic preparation, and 1 year of graduate work in education in a standard institution.
Certificate in elementary school supervision.	do.	do.	Elementary schools.	do.	do.	4 years' teaching experience in elementary schools.			(a) Graduations from 2-year courses in a standard normal school or a 4-year high school education, or the equivalent in scholastic preparation, and 2 years' additional work at a standard college or university. Of the latter one-half of the time is to be given to pedagogic branches, and one-half to elementary methods and supervision of the equivalent of such training; or (b) graduation from a 4-year college or university course to include at least 1 year in education, including elementary methods.
Certificate in supervision of special subjects: Physical training, manual fine arts, domestic art and science, manual training, agriculture.	do.	do.	Special subjects only.	do.	do.	4 years' teaching experience, which shall be in the special subjects.			Completion of 4-year high school course or its equivalent, and in addition graduation from 4-year college course. The latter must be divided evenly between general subjects, and special subjects for which certificate is issued, with at least 300 hours in theory of education and the art of teaching, and supervising.

High school principals' certificates.	do.	All high schools.	do.	2 years teaching experience.	Graduation from a standard college or its equivalent, and 1 year of graduate work, one-third of which is given to advanced study relating to high school branches and two-thirds to education, including administration and supervision.
High school teachers' certificates.	do.	High schools and elementary schools with the consent of State superintendent.	do.	None.	Graduation from a standard college or university or equivalent preparation, course to include at least two high school branches, continuously pursued throughout 2 years, and at least 200 recitation hours in education, including secondary education and practice teaching.
High school teachers' certificates in special branches.	do.	Special subjects.	do.		(a) Granted for music, manual or industrial training, domestic science and art, commercial business, agriculture, on completion of course in high school or equivalent preparation, and at least 2 additional years of college grade, one-third of which is devoted to general academic subjects, and two-thirds to the special subjects for which the certificate is issued, including a minimum of 200 recitation hours in education. (b) After September, 1919, this certificate may be granted on examination showing preparation and training equivalent to above.
Elementary school principals' certificates.	do.	Elementary schools.	do.	3 years in elementary schools.	(a) Graduation from 4-year high school and in addition from 2-year normal school or equivalent preparation with not less than one full half-year's work at college or university including supervision and administrative work in education. (b) Examination showing preparation equivalent to above.

State laws and regulations concerning teachers' certificates—Continued.
 MARYLAND—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Elementary school teacher's certificate of the first grade.	State superintendent of schools.	In State	Elementary schools.	3 years	Renewable on evidence of persistent and professional spirit.	None.	State board of education.	State board of education.	Graduation from 4-year high school or its equivalent, and from 2-year normal school or its equivalent, or passed on examination to persons showing equivalent preparation and training.
Elementary school teacher's certificate of the second grade.	do.	do.	do.	2 years.	Renewable for 2 years on evidence of successful teaching and at least 6 weeks additional academic and professional preparation. Renewed for a second time for a period of 3 years on evidence of successful teaching and 6 weeks of professional preparation at a standard institution and thereafter definitely on same conditions.	do.	do.	do.	Graduation from 4-year high school or equivalent preparation and examination in reading, penmanship, arithmetic, geography, oral and written English, history of the United States and Maryland, community civics, hygiene and sanitation, music, drawing, hand work, theory and practice of teaching, and agriculture. Applicant must also have completed 6 weeks' preparation in a standard institution, and be 18 years of age or over. Certificate is issued once only to any person by examination.

State laws and regulations concerning teachers' certificates—Continued.
 MASSACHUSETTS.

Name of certificate.	Issued by.	Valid in—		Duration.	Persistence.	Experience required.	Questions prepared by.	Scholarship requirements.
		Territory.	Schools.					
Permanent life certificate.	State board of education.	In State.	State and high schools.	For life.		2 years in Massachusetts.	Examined by	Applicant must hold preliminary certificate. Must have two continuous years of successful teaching in secondary schools in Massachusetts, and submit a thesis satisfactory to the board on some phase of secondary education. Applicant must hold superintendent's preliminary certificate, granted by the State board; must have completed the equivalent of semester's course in educational theory, in college, university or normal school, and must present a thesis on some topic relating to the State board of education concerning school supervision, school organization or administration. (a) Applicant must have completed a college or normal course or its equivalent, and must pass examination in school law of Massachusetts, school organization, administration and supervision; aims, courses and methods in elementary schools, with special reference to rural schools; aims, courses and methods in high schools; historical education and educational psychology; or (b) applicant must have a normal diploma or B. A. degree, or equivalent education, and must have completed course in approved college or university, equivalent to at least 9-year-hour.
Superintendent's permanent life certificate.	do.	do.	To supervise schools in union.	do.		3 continuous years subsequent to securing preliminary certificate.		
Superintendent's preliminary certificate.	do.	do.	As superintendent of schools in the union.	3 years.		(a) 2 years in teaching; (b) 3 years in supervision.	State board of education.	

work including school administration and supervision and educational theory and practice. Candidates must also submit these on some subject or phase of the work of the superintendent of schools.

A. B. degree from a college maintaining standards at least equal to those of colleges in Massachusetts empowered to grant such a degree, and preparation in at least two subjects of not less than 3 year-hours of work each, and in at least two additional subjects of 1 1/2 year-hours each.

(b) (1) At least 3-year-hours of work in two of the following subjects: Principles of secondary education; Educational administration; Educational psychology; School administration; Problems of secondary education; with instruction in methods of teaching particular subjects, school hygiene, practice teaching under supervision; or (2) diploma from an approved normal school; or (3) 2 years' teaching experience aggregating at least 70 weeks, in secondary schools, the quality of such teaching to be established to the satisfaction of the board; or (4) 30 hours in professional subject in the summer school of an approved college, university, or other institution offering equivalent courses.

II. Three years' successful experience as a teacher in a secondary school prior to July 1, 1912, and presentation by examination or otherwise of evidence satisfactory to the board of education of fitness to teach in a high school.

Preliminary certificate	do.	State-issued high-schools.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Renewable at the discretion of the State board.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

State laws and regulations concerning teachers' certificates—Continued.
 MASSACHUSETTS—Continued.

Name of certificate.	Issued by—		Valid in—		Duration.	Persistence.	Experience required.	Qualifications.		Scholarship requirements.
	Territory.	Schools.	Territory.	Schools.				Prepared by—	Examined by—	
Special certificate in any of the following: agriculture, drawing, commercial subjects, manual arts, household arts, music, physical training.	In State...	State-aided high schools.	2 years	Renewable at the discretion of the State board.	2 years	At the discretion of the local committee.	Local school committee.	Local school committee.	Applicant's qualifications to teach one or more of the following subjects must be satisfactory to the board of education. Agriculture, commercial subjects, drawing, household arts, manual arts, music, and physical training. Graduates of the Massachusetts Agricultural College and the Framingham State Normal School are granted special certificates in general science, biology, and chemistry in addition to household arts, upon recommendation of the principal of that normal school.	
Local certificates.	In the district which is issued.	In schools or subjects for which issued.	At the discretion of the local committee.	At the discretion of the local committee.	Local school committee.	Local school committee.	Local school committee.	(a) At the discretion of the local committee. The school committee shall ascertain the applicant's capacity for teaching, and for the government of schools.		

MICHIGAN.

Name of certificate.	Issued by—		Valid in—		Duration.	Persistence.	Experience required.	Qualifications.		Scholarship requirements.
	Territory.	Schools.	Territory.	Schools.				Prepared by—	Examined by—	
Life certificate upon examination.	State superintendent.	All schools.	Life	At the discretion of the local committee.	2 years	At the discretion of the local committee.	State board of education.	State board of education.	Applicant must pass satisfactory examination in the following: Orthography, reading, penmanship, arithmetic, algebra, geometry, grammar, geography, United States history, general history, civil government, theory and art of teaching, physics, physiology and hygiene, botany, rhetoric, general literature, Latin, French, geology, zoology, chemistry.	

Life certificate upon endorsement.	State board of education.	do.	do.	do.	do.	do.	do.	do.	do.
College life certificate.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Normal life certificate.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Special certificate. Domestic science and manual training, commercial training, physical training, drawing.	State superintendent.	do.	do.	do.	do.	do.	do.	do.	do.
Music certificate.	do.	do.	do.	do.	do.	do.	do.	do.	do.

Holders of life diplomas or certificates are not required to pass an examination or to be re-examined. Those required to pass an examination are granted on examination to those required for life certificate in Michigan and which qualify the holder to teach any subject in any public school in the State in which granted. Applicant must have received a bachelor's, master's, or doctor's degree as provided in the requirements for certificate holders.

Applicants must have completed and the agreed course of study in a Michigan State normal school which requires not less than 4 years for its completion and not less than 2 years of work in advance of the high school. Applicants must have finished a course of at least 2 years in subjects for which certificate is issued in any one of the following institutions: University of Michigan, State normal school, a college incorporated under the general laws of the State, or institutions whose course of study is acceptable to the superintendent of public instruction. Applicant must have finished a course of at least 2 years in music under a private instructor and must have passed an examination satisfactory to the music director of a State normal school in this State, or must have finished a course of at least 2 years in music in any one of the following institutions: The University of Michigan, a State normal school of this State, a college incorporated under the general laws of this State, or an institution whose course of study is acceptable to the superintendent of public instruction of this State.

State laws and regulations concerning teachers' certificates—Continued.
MICHIGAN—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Kindergarten and primary certificate.	State superintendent.	State	Kindergarten and primary grades.	Life					Applicant must be a graduate of a kindergarten training school. Course covers at least 2 years' work and is approved by the State superintendent of public instruction and must have at least one of the following qualifications: (1) A teacher's certificate in force; (2) a diploma from a reputable college; (3) a diploma from a high school having 4-year course. Applicant must have a bachelor's, master's, or doctor's degree from the University of Michigan and teachers' diploma and work done in the sciences and art of teaching in the university. Applicant must hold a bachelor's, master's, or doctor's degree from a standard college or university and must have completed a course in science and art of teaching of at least 1 college year of 64 hours per week, including observation and practice work. Applicant must pass satisfactory examination in orthography, arithmetic, theory and art, geography, civics and government, United States history, grammar, physiology, reading, penmanship, agriculture, school law, State course of study, geometry, algebra, botany, general history, and physics.
University of Michigan certificate.	Regents of University of Michigan.	do.	All schools	do.					
College limited certificate.	State board of education.	do.	do.	4 year.	Not renewable.				
First-grade county certificate.	County board of examiners.	County	do.	do.	Renewable indefinitely if holder has average standing of 85 per cent in two previous examinations concerning best teaching.	1 year.	State superintendent of public instruction.	State superintendent of public instruction board of examiners.	

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

Graded certificate.	State board of education.	do.	do.	3 years.	Not renewable.	do.	do.	do.	do.	Applicant must have completed a course of study requiring 42 weeks of work in a Michigan State normal school, all of which is in advance of the high school.
Rural school certificate.	do.	State.	First 9 grades.	do.	Renewable for a period of 3 years.	do.	do.	do.	do.	Applicant must pass a satisfactory examination in orthography, arithmetic, theory and art of teaching, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, State law, State course of study, and any 2 of the following: Algebra, botany, general history, physics.
County normal certificate.	County normal board.	In county in which issued.	All schools which employ more than 2 teachers.	do.	Renewable for successful teaching and professional interest.	do.	do.	do.	do.	Applicant must pass satisfactory examination in orthography, arithmetic, theory and art of teaching, geography, government, United States history, grammar, physiology, reading, penmanship, agriculture, State law, State course of study, and any 2 of the following: Algebra, botany, general history, physics.
Second-grade certificate.	County board of examiners.	do.	All schools.	do.	Renewable same as county first grade.	do.	do.	7 months.	State superintendent of public instruction.	do.
Third-grade certificate. Class A.	do.	do.	First 4 grades.	1 year.	do.	do.	do.	3 months in primary departments.	do.	do.
Third-grade certificate. Class B.	do.	do.	do.	do.	May be renewed once under above conditions. Not more than 3 certificates of this grade can be granted to the same person.	do.	do.	do.	do.	do.

All county first-grade examination papers favorably passed upon by the county board of examiners, together with the certificates, shall be forwarded to the superintendent of public instruction within 10 days for his inspection and endorsement. The indorsed first-grade certificate is valid in all schools in any county of the State, provided a copy of same is recorded in the office of the county commissioner of the county.

State laws and regulations concerning teachers' certificates—Continued.
MICHIGAN—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special certificate.	County commissioner of schools.	Specified district of the county in which issued.		Good until next examination.			County commissioner of schools.	County commissioner of schools.	Applicant must pass satisfactory examination in same subjects required for a third-grade certificate, Class B 3.

Note.—Applicant for certificate must be a citizen of the United States or have declared his intention to become such. All certificates require that applicant must be 18 years of age or over. No certificate can be granted by the county board of school examiners to any person who has not had at least 6 weeks of professional training in a State normal school, county normal training class or other normal training school approved by the State superintendent of public instruction.

MINNESOTA.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life certificate for normal school graduates.	Normal school board.	In State.	Elementary.	Life.		2 years teaching on normal school diploma in State.			Graduation from advanced course of a State normal school and successful experience.
First-grade certificate.	State superintendent.	do.	Rural elementary.	5 years.	Renewable by State superintendent on completion of specified amount of professional work.	3 months.	State superintendent.	State superintendent.	(a) Examination with minimum grade of 75 per cent in same subjects as for second-grade certificate and additional examination in algebra, geometry, physical geography, and physics, and at least one year of professional training in approved institution. (b) Graduation from high-school training department accepted in lieu of above examination.
Professional certificate of first-grade on examination.	do.	do.	Any.	Valid for limited periods of 2 or 5 years.	Renewable on evidence of successful teaching. Measures into a life certificate.	One year's teaching experience in State.	do.	do.	Applicant must hold a first-grade certificate, and in addition pass examination in selected branches from each group of the following: (1) Education sciences, including

State laws and regulations concerning teachers' certificates—Continued.
MINNESOTA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
High-school training department certificate. First class.	State superintendent.	In State.	Rural.	2 years.	Renewable on recommendation of county superintendent, after 12 months experience and completion of required professional work.		State superintendent.	Completion of 4 years' high school work (16 credits), and in addition standards set above in all the subjects of the training departments of high school. Applicant must be 18 years of age.	
Professional permit.	do.	do.	Any.	1 year.	Not renewable.		State superintendent.	Granted to applicants who lack not more than three of the credits required for a professional certificate. Holder of diploma from accredited school preparing teacher for special subjects.	
Special certificate: Music, drawing, manual arts, home economics, agriculture, kindergarten.	do.	do.	Any, unless restricted to designated place.	do.	Same as for professional certificate.		State superintendent.	Applicant must be 17 years of age and pass examination as for second-class certificate.	
Limited certificate.	do.	do.	Rural elementary.	do.	May be exchanged for 2d class after 6 months' experience and compliance with State superintendent's regulations.				

NOTE.—Credits earned in normal and other approved schools may be substituted for examination under certain conditions. Thirty-six weeks' professional training equivalent to that given in State institutions of Minnesota required for all candidates for teachers' certificates except limited and second-grade certificate.

MISSISSIPPI.

Teacher's professional license.	State board of examiners.	In State.	All schools.	For life.

(a) Issued to graduates of the University of Mississippi, the agricultural and mechanical

State laws and regulations concerning teachers' certificates—Continued.
MISSISSIPPI—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State license of the second grade.	State board of examiners.	In State	All schools	1 year. 2 years. 3 years.	Renewable 1 year at a time for not more than 4 consecutive years, on attendance at approved 6 weeks summer school. Not renewable		State board of examiners.	State board of Examiners.	(a) Examination as for first-grade license. Duration dependent on grade.
State license of the third grade.	do	do	do	1 year	do		do	do	Examination in same subjects as for first and second grade license.
Second-grade county certificate.	County board of examiners.	In county	do	do	do		do	County board of examiners.	Examination same as for first-grade certificate, omitting modern history, advanced English, elementary algebra, theory and practice of teaching. Applicant must have average of 75 per cent with no branch below 50.
Third-grade county certificate.	do	do	do	do	do		do	do	Examination in subjects as for second-grade certificate, with an average of 60 per cent and no branch below 40.
First-grade county certificate.	do	do	do	(a) 1 year. (b) 2 years. (c) 3 years.	Renewable on attendance at approved summer school.		do	do	Examination in spelling, reading, practical and mental arithmetic, composition, United States history, history of Mississippi, agriculture, civil government, physiology and hygiene, theory and practice of teaching elementary algebra, advanced English, modern history. Applicant must receive (a) average of 75, (b) average of 80, (c) average of 80.

<p>Agricultural high-school certificate</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>

Applicant must pass examination in spelling, reading, arithmetic, geography, English grammar, composition, United States history, literature, history, agriculture, science of agriculture, political government, physiology and hygiene theory and practice of teaching, elementary algebra, advanced English, general science, modern history, and examination in subjects he is to teach. Applicant must receive (a) average of 75, (b) average of 85, (c) average of 90.

Applicant must comply with regulations prescribed by State board of examiners.

Renewable on compliance with regulations of State board of examiners.

All schools for teaching agriculture.

Special subjects only.

Discretion of board

State laws and regulations concerning teachers' certificates—Continued.
MISSOURI.

Name of certificate	Issued by	Valid in—		Duration	Penitence	Experience required	Questions		Scholarship requirements
		Territory	Schools				Prepared by	Examined by	
Life certificate	State superintendent	State	All schools	Life		(a) 40 months as teacher or superintendent. (b) 16 months' teaching	State superintendent	State superintendent	(1) Same as requirements for 5-year State certificate plus additional requirements of education and history of education and one of the following requirements: All of Special I, history of English language and history of English and American literature (2) Special in language English history, rhetoric, history of English language, history of English and American literature, and either 4 years of Latin or 4 years of German. (3) Special in science. All of Group III, advanced physics, chemistry, advanced biology, 41 Special in mathematics. Physical trigonometry, plane geometry, trigonometry, solid geometry, analytical geometry and calculus. (5) Special professional. Six of the following not taken for 5-year certificate. Primary teaching and kindergarten, elementary course of study (including organization of subject matter and methods of teaching). Missouri group system and organization of subject matter (including the history of teaching in Missouri), school organization and administration; the elementary psychology, high school teaching (including course of study, methods and prob-

lets), theory, and methods of teaching, manual training, music, drawing, domestic economy, physical culture, and expression.

(b) Graduation from standard colleges of the State with 18 hours' work in education.

(a) The applicant must hold a first-grade county certificate, and furnish evidence of having completed 4 years of high school work or the equivalent. The additional requirements are six subjects, to be selected by the applicant from the following: mathematics, physics, one from each of the first four and two from Group V.

Group I. Ancient history, medieval and modern history, English history and government, American history and government, economic, sociology, Missouri history and government.

Group II. Rhetoric, history of English and American literature, history of English language, Latin (Caesar and Cicero), French (12 years).

Group III. Botany, zoology, physical geography, advanced agriculture.

Group IV. Physics, chemistry, college algebra, plane geometry, solid geometry, and trigonometry.

Group V. Primary teaching and kindergarten, elementary course of study (including organization of subject matter and methods of teaching), Missouri school systems and laws (including the history of education in Missouri), supervision and inspection, the curriculum, reading circle, books, elementary psychology, theory and methods of teaching.

(a) 12 months
(d) 9 months

Returned on attendance at summer schools and recommendation from local superintendent examination in one additional subject included by applicant and recommendation as above. Exchanged for life certificate after trial experience of 60 months, 9 months of which is in which secured additional training prescribed by board.

2 years.

(b) Elementary schools
(c) Elementary high schools
(d) Elementary and high schools.

Five-year State certificate.

State laws and regulations concerning teachers' certificates—Continued.
MISSOURI—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Five-year State certificate.									(b) Graduation from State normal schools whose course is 2 years above high-school graduation. (c) Normal-school graduates who have completed 4 years of college work. (d) Graduation from standard college. (e) Graduation from colleges with training in special subjects. (f) Graduation from schools of high rank which prepare special teachers, provided course includes 12 hours in education. (Applicants for 5-year certificate must have minimum of 1 year of college work. Applicants for life certificates must have minimum of 2 years of college work.)
Five-year State special certificate: music, household arts, book-keeping and commercial branches, drawing, manual training, special primary, agriculture.	State superintendent.	State.	Special subject for which issued.	5 years.	Renewed on attendance at summer schools and recommendation from local superintendent or examination in individual group subject selected by applicant and recommendation as above. ¹ Not renewable.				
Junior college certificate.	do.	do.	All schools.	3 years.	Renewable in- definitely complete once with prescribed conditions.	8 months.	State superintendent.	State superintendent.	Graduation from junior college with 18 hours in education. Applicant must have completed 4 years of high-school training; must pass an examination in subjects required for second-grade certificate, and in addition, in ancient history, medieval or modern or English history, physical geography, physics, or biology. If applicant has had 4 months' experience ad-
First-grade county certificate.	County superintendent.	Any county in State.	do.	do.					

¹ Exchanged for life certificate after total experience of 40 months, 9 months of which is in Missouri, if holder has secured additional training prescribed by board.



Second-grade county certificate.	do.	In county in which issued.	do.	2 years.	May be renewed once.	do.	do.	Additional examination on teaching ability and management. Applicant must have completed a 4-year high-school course and must pass examination on all subjects required for third-grade certificate, and in addition, examination in algebra and literature, with average of 85 per cent.
Third-grade county certificate.	do.	do.	do.	1 year.	Renewable once. Not to be secured in 4 years.	do.	do.	Applicant must pass satisfactory examination in spelling, reading, penmanship, arithmetic, geography, civics, English grammar, United States history, civics, government, physiology, hygiene, agriculture, pedagogy. Applicant must have average of 80 per cent and no branch below 80 per cent.
Special certificates.	do.	In county.	do.	Until next examination.		County superintendent.	County superintendent.	Issued to applicants who did not take the regular examination for good and sufficient reasons.
Teacher-training school certificate.	(a) County superintendent. (b) State superintendent.	In county in which school is located.	Elementary or rural school.	2 years.	May be converted into first-grade certificate. Teachers' experience and 1 term professional training in normal school or State university.			(a) Graduation from teachers' training course in high-school provided for the purpose. (b) Graduation from rural certificate course in State normal schools.

State laws and regulations concerning teachers' certificates—Continued.
MONTANA.

Name of certificate.	Issued by—	Valid in—		Duration.	Perseverance.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life certificate: (a) By examination.	State board of education.	State when registered by the county superintendent of schools in which applicant expects to teach.	All schools.	Life.		76 months.	State board of educational examiners.	State board of education.	Issued upon same conditions as a State certificate, except that in addition applicant must pass satisfactory examination and tests under such supervision and upon such additional subjects as prescribed by the State board of education, provided that if applicant holds an unexpired Montana State certificate obtained by examination, he shall be exempt from the examination required for State certificate.
(b) By indorsement.	do.	do.	do.	do.		do.			Issued to holders of life certificates issued in another State if character, professional qualifications and experience are equivalent to those required for life certificates by examination in Montana.
Do.	do.	do.	do.	do.		27 months.			Issued to holders of degrees from Montana State University or Montana State College of Agriculture and Economic Arts, and to graduates of a course at the Montana State Normal College or other normal school under the control of the State board of education, which course extends 2 years beyond secondary schools.
Do.	do.	do.	do.	do.		18 months.			Issued to graduates of the Montana State Normal College or any normal school that hereafter may be established under the direction of the State board of education, with the degree of bachelor of pedagogy.

State laws and regulations concerning teachers' certificates—Continued.
MONTANA—Continued.

Name of certificate.	Issued by—	Territory.	Valid in— Schools.	Duration.	Persistence.	Experience required.	Prepared by—	Questions. Examined by—	Scholarship requirements.
State certificate— (b) Without examination.	State board of education.	State when registered by the county superintendent of schools in which applicant certifies to teach.	All schools.	6 years.	Renewable for 6 years if holder has had 12 months' experience and has completed required circle work.	18 months.			Graduates of 4-year courses of standard colleges or universities who have had at least 11 semester hours of work in education and who have taught successfully 18 months, at least 9 months of which have been after graduation.
De.....do.....do.....	do.....do.....do.....	do.....do.....do.....	Elementary schools.	do.....do.....do.....	do.....do.....do.....	do.....do.....do.....			Graduates from advanced normal courses in institutions whose diplomas entitle the holders to teach without examination in all public schools of the State in which they are located who have taught successfully for 18 months, at least 9 months of which have been after graduation. No course is considered advanced whatever its name, unless it normally requires for completion at least 2 years of a fully accredited 4-year high-school course.
Professional certificate.	State board of educational examiners.	Any county listed with county superintendent.	All schools.	4 years.	May be renewed if applicant has taught successfully at least 12 months and completed the requisite amount of reading circle work.	do.....do.....do.....	State board of educational examiners.	State board of educational examiners.	Applicant must present evidence of physical health and pass examination in all branches required for a first-grade certificate and in addition in Montana school law, educational psychology, principles of education, Average, 80. Minimum, 70.

First-grade certificate.	do.	do.	Elementary schools.	3 years	do.	12 months.	do.	do.	Applicant must give evidence of physical health and pass examination in all branches required for a second-grade certificate and the usual American literature, physical geography, elementary psychology, and school management. Average, 80; minimum, 70.
Second-grade certificate.	do.	do.	do.	24 months.	Not renewable	Nonrequired.	do.	do.	(e) Applicant must give evidence of physical health and pass examination in the following branches or others prescribed by the State board of education: Reading, writing, arithmetic, spelling, grammar, geography, physiology, and hygiene, United States history, civics, theory and practice of teaching, and literature. Average, 80; minimum, 70.
Special certificate: Music, drawing, education, physical culture, or organized manual training, domestic science, agricultural and kindred subjects first 3 years primary and kindergarten.	do.	do.	Special subject	1 year	Renewable during service in the district if applicant continues teaching.				(b) Graduation from normal training course in a high school, as prescribed by the State board of education. Note.—After July 1, 1920, no person shall be given a regular certificate to teach who has not had at least 12 weeks of normal training work. This normal training work is established in the 11th and 12th grades of high schools and is under the supervision of the State superintendent. Issued to any teacher who presents satisfactory evidence of special proficiency for teaching specified subject as shown by any certificate and credentials held by such teacher.

1 Issued also for completion of subjects in the several institutions of the University of Montana.

State laws and regulations concerning teachers' certificates—Continued.
MONTANA—Continued.

Name of certificate.	Issued by.	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Temporary State certificate.	State superintendent.	District requesting same.	Elementary schools.	1 year.	Not renewable.				Issued to any teacher whose experience, qualifications and credentials entitle such teacher to State or life certificate in Montana, in the opinion of the State superintendent.
Temporary certificate.	State board of educational examiners.	State.	do.	Until next regular examination.	do.		State board of educational examiners.		Issued to applicants who have previously held valid certificates or who have had training beyond high school graduation. Such temporary certificates shall not be granted more than once to any person. <i>Provided</i> , That persons prevented by illness or other valid reason from attendance at regular examination the board may, with the approval of the county superintendent, issue a second permit until the next regular examination. <i>Provided</i> , That when the teacher shows special fitness to teach and passes 70 or above in all subjects, or secures an average of 60 per cent, the board may, in its discretion, issue a permit until the next regular examination, such permit to be issued once only.

NOTE.—Holders of unexpired first or second grade certificates with satisfactory experience may have grades in all subjects above 80 per cent transferred to higher certificates. Any applicant for any grade of certificate who has completed any branch at institutions of the University of Montana may have such grade accredited without examination on any grade of certificate. No person shall be employed as teacher in a high school or as the principal teacher of a school of more than three departments who has not professional certificate or a Montana State or life certificate, or who is not a graduate of a reputable university, college, or normal school recognized by the State board of education.

NEBRASKA.

Professional State certificate.	State superintendent.	Good in all districts organized under Articles III and VI.	All schools.	Life.	(a) 2 years, experience in addition to that required for first-grade certificates. (b) 3 years.	State superintendent.	State superintendent.	(a) Issued to holders of first-grade county certificates who in addition attain a standing of 80 in following branches: Psychology, zoology, geology, English literature, rhetoric, general science, chemistry, trigonometry, physics, and general history. (b) Issued to graduates of standard colleges or universities in this or other States in the last year and hold first-grade county certificates. (c) Issued to holders of diplomas from State normal schools or colleges in other States, provided the institutions from which applicants graduate confer the right to teach for life in the State in which granted, and provided that such license is based on preparation and experience equivalent to those required in the State of Nebraska for holders of professional State certificates. Issued to holders of professional high school city State certificate.
Superintendent's city State certificate.	do.	do.	do.	3 years.	1 year as principal of approved high school.	Non-transferable, but convertible into professional superintendent's city State certificate, valid for life.		

1 Districts organized under Article III have a population of less than 120 pupils and 3 directors; districts organized under Article VI have a population of over 120 pupils and 6 directors.
2 Convertible into a professional city State certificate valid for life on completion of 1 year of normal school or college work, plus 24 months' experience.



State laws and regulations concerning teachers' certificates—Continued.
NEBRASKA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Penalties.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
High school city State certificate.	State superintendent.	Good in all districts organized under articles III and VI.	High schools.	3 years.	Convertible into professional high school city State certificate, valid for life, 24 months' experience and 1 year's professional work.		State superintendent.	State superintendent.	(a) Issued to applicants who have a university certificate, and in addition pass an examination in psychology, zoology, geology, English literature, rhetoric, general science, chemistry, trigonometry, physics, and general history. Applicant must also have credit for 12 hours in education in an approved university, college, or normal school. (b) Issued to graduates of the higher course of a State normal school or other approved normal school of this or another State, or of a standard college in this or another State.
Special city State certificate.	do.	do.	Special subject	do.	Nonrenewable, but convertible into special city State certificate in same manner as other city State certificates.		do.	do.	Issued to any person who has completed at least 1 year of special work in an approved conservatory, training, vocational, or industrial school, organized and equipped for the training of special teachers. In lieu of said 1 year's work in schools 1 year of practical experience as competent musician in the craft of music or teaching which certificate is issued may be accepted.
Elementary State certificate.	State normal universities.	Grades below high schools in cities of first organized under Articles III, IV, and VI.	All schools.	1-3 years.	Nonrenewable.	No experience.	do.	do.	Issued to graduates of elementary course of State normal.

Grade city State certificate.	State superintendent.	In grades 1-4, inclusive of districts organized under Articles VI and XXII.	3 years	Convertible into professional State certificate, valid for life, on completion of 1 year normal or college work and 24 months' experience by advanced study.	No experience.		Issued to graduates of approved 4-year high schools who have earned a first-grade certificate and have 12 hours credits from university, college, or normal school in this or another State, 4 hours of which is in professional work.
Rural elementary certificate.	State normals	State	do	Merges into professional rural State certificate good for life.	No experience.		Student must have completed course for normal teachers in normal schools 3 years in 4th course of the eighth grade and be 16 years of age before entering the course. Completion of elementary rural course in normal schools or equivalent. Teachers of experience and graduates of 4 years high-school course may receive certificate by pursuing such work as may be prescribed.
First-grade rural State certificate.	do	do	do	Merges into life.	No experience.		Graduates of advanced course preparing for teachers, given the certificate which issues the certificate.
First-grade State certificate.	University, colleges, State normals	do	do	Merges into life.	No experience.		Teacher must have completed 12 weeks' normal training in approved school, pass examination in all subjects required for second-grade certificate and in addition an examination in algebra, botany, geometry, and public school music. Applicant must attain an average of 80 per cent, with no branch below 75 per cent, provided credits are shown which are obtained in lieu of the examination for the test subjects last named.
First-grade county certificate.	County superintendent.	In the county where issued or any county of State when transferred by State superintendent.	do	First renewal no subject below good credit for 6 hours. Kept new a table thereafter on 12 college hours.	1 year	State superintendent	

1 Districts organized under Article III have a population of less than 100 people and 3 directors; districts organized under Article VI have a population of over 100 people and 6 directors; districts organized under Article XXII have a population of over 1,000 inhabitants.

2 Convertible into a professional city State certificate valid for life on completion of 1 year of normal school or college work, plus 24 month's experience.

State laws and regulations concerning teachers' certificates—Continued.
NEBRASKA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Second-grade county certificate.	County superintendent.	In the county where issued or any other county of this State which is transferred by State superintendent.	In elementary schools.	2 years.	Renewable once through raising the general average and earning credits for six hours of college work.	No experience.	State superintendent.	State superintendent.	Eight weeks of normal training in college, university, or normal school approved by the Nebraska board of education in Nebraska or in other States, or in approved high schools. In addition a normal student pass examination in orthography, mental arithmetic, United States history, reading, penmanship, geography, arithmetic, physiology and hygiene, English grammar, civil government, drawing, theory and art of teaching, and elementary agriculture. Average must be 80 per cent, with no branch below 70 per cent.
Emergency State certificate.	do.	In city for which issued.	All schools.	1 year.					Issued in emergency only to graduates of State universities or standard colleges in the State at the joint request of the city and county superintendents and school board.
Emergency certificate.	State superintendent on recommendation of the county superintendent and the board.	Valid in district for which issued.	do.	do.					Issued for emergency only when there are no qualified teachers.

NEVADA.

Life diploma high school.	State board of education.	In State.	All high schools.	For life.	(a and b) 60 months, 24 of which shall be in Nevada. (c) 45 months for grade-site of University of Nevada.	(a) Holders of Nevada State high-school certificates or equivalent certificates from other States of education State board of education. (b) Graduation from standard college. If applicant holds renewable Nevada high-school certificate. (c) Graduation from University of Nevada. (a) Graduation from a standard normal school or equivalent qualifications or credentials or equivalent certificate from another State at the creation of the State board. (b) Graduation from Nevada State Normal School.
Life diploma elementary.	do.	do.	Elementary schools.	do.	(a) Same as for life diploma for high schools. (b) 45 months' life graduate of Nevada State Normal School.	Issued to graduates of the Nevada State Normal School, advanced course (4 years). Graduation from Nevada State Normal School, elementary course (2 years).
High-school certificate of graduates of Nevada normal college.	do.	do.	In high schools.	5 years.	Renewed after 45 months' experience for life.	Examined in English grammar, spelling, arithmetic, geography, English literature, French, history, music, civics, United States and world government, algebra, plane geometry, history and methods of teaching, civics, one of the following languages: Latin, French, Spanish, German, and three of the following: Rhetoric, English history, solid geometry, physical geography, chemistry, botany and zoology. Applicant must have an average of 80 per cent, and be at least 20 years of age.
First-grade elementary certificate for normal-school graduates.	do.	do.	Elementary schools.	do.	Renewable for life on completion of 45 months' experience.	
State high school certificate.	do.	do.	All high schools.	3 years.	Renewable at the discretion of the State board of education.	

State laws and regulations concerning teachers' certificates—Continued.
NEVADA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State high school certificate.									(b) Applicant may be allowed for any subject in the above list, or may substitute credit for the whole examination. Must have a general average of 80 per cent in the subjects taken. (c) Graduation from standard colleges or universities of other States at discretion of State board of education. (a) Applicant must be at least 20 years of age and possess an average of 80 per cent in the following subjects: Spelling, grammar, writing, English, grammar, mental arithmetic, arithmetic, physiology, hygiene, history of the United States, geography, general history, drawing, music, civics, current events, elementary bookkeeping, theory and methods of teaching. (b) Graduation from a standard State normal school of Nevada. (a) Examination in all subjects required for first-grade elementary certificate. Average must be at least 75 per cent, with no branch below 60 per cent. (b) Completion of training course for teachers in county normal schools of Nevada (1 year in addition to 4-year high school course).
Elementary certificate of the first grade.	State board of education	In State.	Elementary schools.	3 years	Renewable at the discretion of the State board of education	10 months			
Elementary certificate of the second grade.	do.	do.	do.	2 years	Not renewable				

Special certificates: Music, drawing, manual training, commercial sub- jects, kindergarten, languages or other special subjects. Elementary cer- tificate of the third grade.	do	do	For subjects for which certificate is issued.	do	Not given.	No experience	Issued at the discretion of the State board when the appli- cant is qualified to teach any of the subjects specified.
Temporary certi- ficates.	do	do	In school in which ap- plicant has been em- ployed or is about to teach, or in school for which is- sued.	Until next ex- amination. Temporary	Not renew- able.		Applicant must be actively en- gaged in teaching in New Hampshire, and the third grade elementary certificate granted to the same person. Issued only at the request of the school district employing teachers.

NEW HAMPSHIRE.

Service supervi- sory certificate.	State commis- sioner of education.	State	Supervisory unions.	Life	At least 3 years		Service supervisory certificate may be granted to persons who, in addition to the re- quirements for the supervi- sory certificate, with the ap- proval of the examination board, have, prior to Sept. 1, 1910, served as superintend- ent in the public schools of New Hampshire for at least 3 years.
Secondary teach- er's certificate, Grade A, Grade B.	do	do	A. Secondary schools B. Junior high schools	do	1 year	State board of education.	(a) Candidates for grade A certificates must present evi- dence for graduation from college. (B) Candidates for grade B certificates must present evidence for gradua- tion from a college or normal school. Candidates for either certificate must present three- quarters of examination in science, pedagogy, school management, school law, history of education, New Hampshire secondary pro- gram.

State laws and regulations concerning teachers' certificates—Continued.
NEW HAMPSHIRE—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Secondary teacher's certificate.	State commissioner of education.	State	Secondary schools.	Life		10 years.	State board of education.	State board of education.	Three years of the candidate's experience must be in approved secondary schools of New Hampshire, and candidate must also present evidence of continued professional reading and study.
Elementary teacher's certificate.	do.	do.	Elementary schools.	do.		(a) 1 year, (b) 2 years, (c) 4 years in New Hampshire.	State board of education.	State board of education.	(a) Issued to graduates of New Hampshire normal schools in successful experience. (b) Issued to graduates of approved normal schools of other States who have successful experience and pass satisfactory examination in New Hampshire elementary program of study and New Hampshire school law. (c) Issued to graduates of high schools who have satisfactory experience for 4 years and pass examination in pedagogy, psychology, school management, New Hampshire school law. (d) Issued to graduates of approved New Hampshire training schools who have 2 years' successful teaching experience in New Hampshire and who pass examination as in (c).
Elementary service certificate.	do.	do.	do.	do.		10 years' experience, 3 of which is in New Hampshire.	State board of education.	State board of education.	Issued to persons with successful teaching experience who present evidence of continued professional reading and study.
Supervisory certificate.	do.	do.	Supervisory unions.	3 years.	May be renewed or permanent.	5 years.	State board of education.	State board of education.	Candidates must be graduates of a registered college granting bachelor's degrees, and pass satisfactory examination in the following: History of education, school organization and management, school

Secondary License	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.
Elementary License	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.
Permits	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.

law of New Hampshire, psychology, pedagogy, elements of general sociology, New Hampshire Grammatology.

(a) Bachelor's degree from an approved college.

(b) Qualifications considered individually. Credit for specialized work, as European study, for example, in case applicants have secured similar credit for other special subjects given by the board.

(c) Teacher will credit for past secondary study 1 to 3 years.

(d) Other individual cases approved by State board.

Note: The above qualifications are for 1919-20 only and subject to change annually at discretion of the board.

(a) To teachers employed in September, 1919, with a year's contract.

(b) To teachers employed in September, 1919, with a year's contract.

(c) To teachers employed in September, 1919, with a year's contract, and graduation from approved training school of high-school training class.

(d) Same as above except graduation from non-approved normal school instead of training class.

(e) Graduation from New Hampshire Normal School in New Hampshire, with a year's contract as above.

Each case considered individually and rules change from year to year. In 1919 granted to high-school graduates until January on condition that they comply with certain conditions and prescribed professional work.

(a) None.

(b) Experience; amount not specified.

(c) Experience; amount not specified.

(d) Experience; amount not specified.

(e) None.

May be renewed on recommendation of the superintendent and report of the inspector for 1 or 3 years.

(a) 20 weeks in New Hampshire.

(b) 2 years in State or other.

(c) None.

(d) None.

(e) None.

State laws and regulations concerning teachers' certificates—Continued.
NEW MEXICO.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Professional certificate.	State board of education.	State.....	All schools.....	Life.....		45 months; 9 months in New Mexico.	State board of education.	State board of education.	<p>Applicant must qualify under 1, 2, and 3 as follows: (1) Minimum for which an individual may be accepted. Graduate the state high school the candidate shall include not less than 16 high-school units, including the following: United States history, including New Mexico history (4) unit; United States civics, including New Mexico civics (4) unit; physiology and hygiene (4) unit; an industrial subject (agriculture, manual training, home economics, commercial branches) (4) unit; geometry (plane) (4) unit; algebra, (4) unit; composition and rhetoric, (4) unit; history of English literature and composition, (4) unit; general science, (4) unit; natural history, (4) unit; literature of American literature and American classics, (4) unit; foreign languages, 2 units; electives sufficient to total 16 units.</p> <p>(A high-school unit represents a year's study in any subject. This definition assumes that the length of the school year is from 36 to 40 weeks, the recitation period not less than 40 minutes in length, and that the study is pursued full-time. It further assumes that 2 hours of manual training or 1 hour of laboratory work is equivalent to 1 hour of classroom work.)</p>

(2) Graduation from a standard 2-year course in a normal school or its equivalent. This course must include psychology, 15 term hours; school management, 6 term hours; principles of education, 10 term hours; special methods, 15 term hours; history of education, 10 term hours; observation and practice, 15 term hours; and elective to the amount of 28 term hours. (A term hour of credit shall consist of a course of 12 weeks of 1 recitation period per week, of not less than 50 minutes in length.) (3) Experience must be certified to by some school official. Fifteen terms of observation and practice will be accepted in lieu of 27 months of the 45 months of successful experience.

(a) Graduation from the professional course of the State normal school of the New Mexico Normal University. (b) Fulfillment of scholarship requirements as for professional life certificate. For this certificate 15 term hours of observation and practice teaching may be accepted in lieu of the required experience.

Graduation from the New Mexico State Normal School, the New Mexico State Normal University, or the State University, or leading to the B. A. degree and including psychology 6 hours, principles of secondary education 3 hours, history of education 6 hours. Applicant's major subject shall cover 30 hours, including not less than 6 hours in methods of teaching that subject.

Five-year professional certificate.	do	do	do	5 years	(a) May be in- ferred for life after 45 months' ex- perience.	27 months; 9 months in New Mex- ico.	(a) Graduation from the professional course of the State normal school of the New Mexico Normal University. (b) Fulfillment of scholarship requirements as for professional life certificate. For this certificate 15 term hours of observation and practice teaching may be accepted in lieu of the required experience.
High school professional certificate.	do	do	do	High schools	Good for 5 years if ap- plicant's ob- servation and practice May be ex- tended for 2 years and made perma- nent with 45 months' suc- cessful teach- ing.	3 or 5 years	Graduation from the New Mexico State Normal School, the New Mexico State Normal University, or the State University, or leading to the B. A. degree and including psychology 6 hours, principles of secondary education 3 hours, history of education 6 hours. Applicant's major subject shall cover 30 hours, including not less than 6 hours in methods of teaching that subject.

State laws and regulations concerning teachers' certificates—Continued.
NEW MEXICO—Continued.

Name of certificate.	Issued by—	Territory.	Valid in— Territory.	Schools.	Duration.	Persistence.	Experience required.	Prepared by—	Questions.	Scholarship requirements.
Elementary State certificate of the second grade.	State board of education.	State	Elementary schools.	Elementary schools.	2 years	Not renewable		State board of education.	State board of education.	Examination in the following: Reading, grammar, composition, geography, arithmetic, physiology, United States history, civics, New Mexico history and civics, school management and one industrial subject. Applicant must attain a general average of 75 per cent, with no branch below 60 per cent.
Elementary State certificate of the first grade.	do.	do.	do.	do.	Good for year if applicant has had no experience; valid for 3 years if applicant has 7 months' experience in State.	Renewable for 3-year periods if applicant has experience and credits for reading circle work approved by the State board; 8 weeks' attendance in school will be accepted in lieu of reading circle work.		do.	do.	(a) Examination in the following: Reading, grammar, composition, geography, arithmetic, physiology, United States history, civil government, New Mexico history and civics, pedagogy, psychology, and one of the following: Algebra, botany, zoology, physics, bookkeeping, Spanish, and industrial subject (manual training, domestic science, agriculture). Applicant must make a general average of 90 per cent with no grade lower than 75 per cent; or (b) graduation from a 4-year high school course, which includes the subjects approved by the State board; or (c) graduation from the (M) course of study of St. Michael's College.
Elementary State certificate of the third grade.	do.	do.	do.	do.	1 year.	Not renewable. Not more than two will be issued.		do.	do.	Examination in the following subjects: Reading, penmanship, orthography, grammar, and composition, geography,

physiology, arithmetic, United States history. Applicant must attain a general average of 60 per cent, with no branch below 50 per cent.

Requirements not specified, but applicant's qualifications must be satisfactory to the State board of education.

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NEW JERSEY.

Special certificates: 1. Music.....do.....	All school.....do.....	Renewable on two-year performance. do. do. do.	3 to 5 years on limited certificate. do.	State board of examiners.	State board of examiners.	Graduation from approved high school or its equivalent, attendance at two sessions of summer school and examination in orthography, geography, English grammar, school methods and management, arithmetic, physiology and hygiene, including health exercises, reading, United States history, English composition, penmanship, drawing, physical training.
2. Vocational 3. Art..... 4. Spanish.....	.....do..... .....do..... .....do.....	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.	do. do. do.
State elementary certificates: Limited.....	.....do.....	Elementary.....	.....do.....	1 year from beginning of year applicant can't begin to teach. do. do.	Renewable once for 2 years without examination. do. do.	.....do.....	.....do.....	Holder of limited certificate. Examination in the following required: subjects: Psychology, civics, history of education, literature, including literature for the grades, music, manual training, European history, elementary or general science, and any three Botany, agriculture, Botany, agriculture, elementary algebra, chemistry, zoology, plane geometry, advanced United States history, Latin, German, French.
Permanent.....	.....do.....	Elementary to teach and supervise school with not more than 9 teachers.	.....do.....	Life.....	.....do.....	.....do.....	.....do.....	Holder of limited certificate. Examination in the following required: subjects: Psychology, civics, history of education, literature, including literature for the grades, music, manual training, European history, elementary or general science, and any three Botany, agriculture, elementary algebra, chemistry, zoology, plane geometry, advanced United States history, Latin, German, French.

State laws and regulations concerning teachers' certificates—Continued.
NEW JERSEY—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions. Prepared by— Examined by—	Scholarship requirements.
		Territory.	Schools.					
State elementary certificate—Con. Permanent								(b) Credit by examination or indorsement for at least 4 required and 2 elective subjects during first 3 years' experience, and for remainder during following 3 years.
Secondary State certificate—Limited.	State board of examiners.	State	In any branch of secondary department included in certificate. Does not entitle holder to supervise.	3 years from the beginning of the school year in which applicant begins to teach.	Renewable for 2 years.	✓	State board of examiners.	Holder of diploma from approved college or from approved 4-year high school teachers' course of a State normal school, or applicant may hold New Jersey permanent elementary state certificate or the equivalent. Applicant must also take examination in subjects or subject to be taught and school management and methods of teaching with special reference to second education, history of education, psychology, physiology and hygiene, and covered by diploma showing 30 hours in education, 30 hours in history of education, 90 hours in psychology, and 60 hours in physiology and hygiene.

State laws and regulations concerning teachers' certificates—Continued.
NEW JERSEY—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special State certificate for kindergarten, manual training, cooking, sewing, drawing, book-binding, science, music, and typewriting, and modern languages, physical training, elocution, agriculture, evening classes for foreign-born residents, blind classes, mental defective classes. Limited.	State board of examiners.	State.	To teach or supervise any grade in the subject or subjects covered by such certificate.	1 year.	Renewable for 2 years.		State board of examiners.	State board of examiners.	(a) For the kindergarten certificate the applicant must be a graduate of an approved 4-year high school course and have passed examination in kindergarten subjects. (b) For the drawing certificate, cooking, sewing, bookbinding, penmanship, music, applicant must pass examination in the subjects to be taught and allied subjects. For the stenography and typewriting, modern languages, physical training, elocution certificate, applicant must be a graduate of an approved 4-year high school and in addition pass examination on the subject he is to teach and allied sub-

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

Permanent	do	do	do	Life	2 years	Applicant must be holder of a special certificate in subject for which he desires permanent special certificate.	All certificates require graduation from 4 years of high school, and require means for blind and subnormal classes.
Vocational certificates (for positions in State-aided schools): (1) Industrial vocational certificate - Limited	do	do	do	1 year	Renewable for 2 years upon recommendation of superintendent of schools and the commissioner of education.	Applicant must have ability to read, write, spell, to know fundamental principles of arithmetic and only to vocations. Applicant must show to a man that he has the ability to do the work of his trade, and is familiar with its operations and materials. Must be 21 years of age and possess certificate of health.	Applicant must possess limited industrial vocational certificate.
Permanent	do	do	do	Life	3 years	Applicant must possess limited industrial vocational certificate.	Applicant must be graduate of an approved agricultural college of at least 2 years beyond the usual 4-year high school course in an approved normal school or its equivalent, and four "short courses" in approved agricultural college. Must be 21 years of age and possess health certificate.
(2) Agricultural certificate - Limited	do	do	do	1 year	Renewable same as limited industrial vocational certificate.	Applicant must possess limited industrial vocational certificate.	Applicant must possess limited agricultural vocational certificate.
Permanent	do	do	do	Life	3 years	Applicant must possess limited agricultural vocational certificate.	Applicant must possess limited agricultural vocational certificate.

State laws and regulations concerning teachers' certificates—Continued.
 NEW JERSEY—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Vocational certificates (for positions in State-aided schools)—Continued. (3) Household arts certificate—Limited.	State board of examiners.	State	To teach household arts in State-aided vocational schools.	1 year.	Renounceable as other vocational certificates (limited).	Experience as instructor to the board of examiners.			Graduation from recognized college or school giving 2-year course in general household arts, or academic training satisfactory to the board of examiners. Applicant must be at least 17 years of age and possess certificate of fitness. Applicant must possess limited household arts certificate.
(4) Technical vocational certificate—Limited.	do.	do.	do.	Life.	Renounceable as other limited vocational certificates.	3 year.		State board of examiners.	Applicant must have any one of the vocational certificates mentioned above. First-grade county certificate or any form of State certificate other than the special certificate and in addition examination in prescribed subjects by the State Board, a written exam from approved schools in subject applicant wishes to teach. Applicant must possess limited technical vocational certificate.
(4) Academic certificate—Limited.	do.	do.	To teach academic subjects in State-aided vocational schools.	1 year.	Renounceable as other limited vocational certificates.	1 year.			Issued to applicants who hold first-grade county certificate or other form of State certificate other than the special, or any one of the vocational certificates named above.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

Permanent	do	do	Life	Not renewable	3 years	Applicant must hold limited academic certificate and recommendation from superintendent of schools and commissioner of education.
(6) Supervisor's certificate—Limited	do	In State as supervisor of vocational school or in charge of State-aided vocational school.	1 year	Not renewable	3 years	Applicant must hold permanent certificate, general, technical or vocational certificate, and must satisfy the State board of examiners that he has had adequate experience in vocational schools.
Permanent	do	do	Life	1 year	1 year	Applicant must hold limited supervisor's vocational certificate, and have the recommendation of the superintendent of schools and the commissioner of education. Granted at the discretion of the county or city superintendent.
Provisional elementary certificate.	County or city superintendent.	In county or city under jurisdiction of the superintendent with a grant of the certificate.	Good until the last day of the second month succeeding the last examination.	Renewable once applicant receives credit for at least one subject of the subject required for a limited elementary certificate.		Applicant must make application for certificate on basis of examination. All applicants must be graduates of approved 4-year high school and have completed at least one session of approved summer school course.
Provisional secondary certificate.	do	do	do	Not renewable		Same as above, except that regulation concerning high school graduation and summer school attendance is omitted.
Provisional special certificate.	do	do	do	do	do	Do.
Provisional supervisor's certificate.	do	do	do	do	do	Do.
Provisional certificate for State-aided schools.	do	do	do	do	do	Do.

State laws and regulations concerning teachers' certificates—Continued.

NEW YORK.

Name of certificate.	Issued by—	Valid in—		Duration.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.			Prepared by—	Examined by—	
State certificate.	Commissioner of education and president of the university.	In State.	All schools.	For life.	3 years.	State department of education.	State department of education.	Applicant must present a minimum standing of 75 per cent an examination in each of the following subjects: Spelling, arithmetic, geography, English grammar, algebra, physiology and hygiene, American history, composition (and a minimum of 60 per cent each of the following with a total average of 75 per cent): History of education or psychology, methods of teaching, school law, school management, ethics, and American literature (or foreign language, literature, logic, physics, chemistry or physiology, geography, botanical zoology, history (ancient, modern, or English), civics, drawing.
College graduate life certificate.	do	do	do	do	3 years, 2 of which must be in New York.	do	do	Holder of a college graduate limited certificate who has passed at a minimum rating of 75 per cent the following examinations: Psychology, history of education, principles of education, methods of instruction, the holder of a college graduate certificate who has passed a minimum rating of 75 per cent the following examinations: Psychology, history of education, methods of instruction.
College graduate permanent certificate.	do	do	do	do	do	do	do	Holder of a college graduate certificate who has passed a minimum rating of 75 per cent the following examinations: Psychology, history of education, methods of instruction.
Normal diploma.	do	do	Any primary school.	do	do	do	do	Applicant must have completed a 2-year professional course in a New York State normal school.

Normal certificate	do.	do.	do.	do.	do.	do.
Training class certificates valid in grades up to a certain grade.	District, village or city superintendent.	In district or city for which issued or endorsed.	In grades 1 to 5, inclusive.	10 years	Renewable for 10 years on 5-year successful experience in teaching.	3 years do. do. do.
Limited State certificate.	Commissioner of education and president of the university.	In State.	All schools.	5 years	Nonrenewable	do. do. do.
Rural school renewable certificate.	District superintendent.	In superintendent's district for which issued or endorsed.	School district not maintaining an academic department.	5 years	Renewable for 2 years for experience for 10 years.	None

passed to applicants on exit date of 4 years high school work and 4 year summer courses in a State normal school.

Applicants must hold training-class certificate and recent academic diploma or evidence of graduation from a 4-year approved high school course and in addition have had 4 years' successful experience in teaching.

Applicant must pass at a minimum standing of 75 per cent an examination in each of the following subjects: Spelling, arithmetic, geography, English, grammar, algebra, physiology and hygiene, American history, composition and at a minimum 60 per cent each of the following: with a total average of 75 per cent: Physics, civics, drawing, history of education or psychology, methods of teaching, school management, school law.

Applicant shall also earn in addition credit in one or more of the following groups: English and American literature, a foreign language, plane geometry, physics, chemistry or physical geography, botany or zoology, history (ancient, medieval, or English), civics, drawing.

Applicant must pass examination with a minimum rating of 75 per cent in writing, spelling, arithmetic, geography, English for teachers, algebra, psychology and history, civics, and American literature, history of education, school management, methods of teaching, school law, drawing, American history with civics, and a foreign history.

State laws and regulations concerning teachers' certificates—Continued.
NEW YORK—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Training class certificate.	District superintendent.	In superintendent's district for which issued or indorsed.	School district not maintaining an academic department.	3 years.	Renewable for a 5-year period on 2 years' successful experience and thereafter for 5-year periods on 3 years' successful experience.	None.	State department of education.	State department of education.	Applicant must have complied with requirements for admission to training class, and in addition must be passed in an examination with a minimum standing of 75 per cent in each of the following subjects: Writing, spelling, arithmetic, geography, language, physiology and hygiene, United States history with civics, drawing, agriculture, methods of instruction in reading, spelling, and writing, psychology and principles of education, school law, school management in which the applicant has been employed with all requirements for admission to New York State training schools, and in addition must have attained a minimum rating of 75 per cent in examinations in the following subjects unless exempt therefrom under provisions hereafter enumerated: Arithmetic, geography, language, physiology and hygiene, American history with civics, drawing, methods in reading, writing, and spelling, psychology, history of education, and social management. A graduate of a university will be exempt from examination in all subjects except those which include matter relating to the methods of teaching. (b) A
Training school certificate.	City superintendent.	In any district, village, or city which is issued or indorsed.	In any elementary school in the State.	do.	Renewable for a period of 10 years after 2 years' experience and thereafter for periods of 10 years on 5 years' experience in teaching.	do.	do.	do.	

College graduate Professional pro- fessional certifi- cates.	Commissioner of education and the pres- ident of the university.	In State.	All schools.	do.	Renewable by endorsement.	None.	None.	member of a training school who has completed 1 year's work in a State normal school will be exempt from exam- ination in all subjects except those which are included in the second year of the train- ing school course.
Special certificates: Kindergarten, music, art, drawing, manual arts, commercial branches, and other subjects.	do.	In district, village, or city for which certifi- cates is- sued or endorsed.	Special sub- jects only.	do.	Renewable for 5-year peri- ods after 2 years' expe- rience.	State depart- ment of edu- cation.	State depart- ment of edu- cation.	Graduation from a college which has a department of the University of the State of New York if applicant has completed therein a course of education approved by the president of the university for the training of teachers. An applicant must be a grad- uate of an approved high school or its equivalent, and also of an approved profes- sional institution in which he has completed a 2-year course of study in the special subject he desires to teach. If certificate is for kind- ergarten, candidates must pass examinations in special subjects with a minimum rating of 75 per cent, unless excused from same by pres- ident of the university for the completion of an approved course in a degree-conferring institution registered with the Regents of the University of the State of New York.
Academic certifi- cate.	District super- intendent.	In super- intendent's district for which issued or endorsed.	School district and in main- tenance in academy in department for which school dis- trict certifi- cate is issued or validated by the dis- trict super- intendent.	2 years.	Renewable 1 year each year unless renewed for State life certificate or for the suc- cessful com- pletion of a 6 weeks' sum- mer course in a State normal school.	do.	do.	If certificate is for kind- ergarten, candidates must pass examinations in special subjects with a minimum rating of 75 per cent, unless excused from same by pres- ident of the university for the completion of an approved course in a degree-conferring institution registered with the Regents of the University of the State of New York. Issued to holder of regent's academic diploma who has completed a summer course of 6 weeks for the training of rural teachers in a State normal school.

State laws and regulations concerning teachers' certificates—Continued.
NEW YORK—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.	
		Territory.	Schools.				Prepared by—	Examined by—
College graduate limited certificate.	Commissioner of Education and President of the university.	In State.	In any school except in a primary grade in cities and villages of 5,000 or more inhabitants employing a superintendent of schools.	2 years.	Renewable for 1 year.	None.	Prepared by—	Examined by—
Equivalent certifi- cate.	do.	do.	In any elemen- tary school.	1 year.	May be ex- changed for permanent.	1 year or more.	do.	do.
Professional lite certificate.	State board of examiners and inspi- ctors.	State.	All schools.	Life.	Life.	2 years.	None.	None.

Scholarship requirements.
Applicant must be a graduate and must have received a bachelor's degree from a col-
lege registered by the regents of the University of the State of New York.

Applicants must show evi-
dence of successful experi-
ence in teaching and of an
educational equivalent to that
required for graduation from
a general professional course
in a New York State normal
school.

Graduation from an A grade
college with credits for 30
semester hours in education,
including psychology, his-
tory of education, school
management and adminis-
tration, methods of teaching
and educational psychology.
In addition, 2 years of suc-
cessful experience in teaching
or supervising is required.

Note.—All applicants must be citizens of the United States and 18 years old. Prerequisite for license to teach in the primary and grammar schools of any city in school district authorized by law to employ a superintendent of schools: (1) 3 years' experience, or (2) prescribed course in State normal school, or (3) New York life certificate, or (4) graduation from approved school for the professional training of teachers.

NORTH CAROLINA.

High school teacher's certificate.	do.	do.	High schools.	Renewable for (a) realty (b) grade work (c) summer school attendance.	3 years.	State board of examiners and instructors.	State board of examiners and instructors.
High school principal's certificate.	do.	do.	do.	do.	do.	do.	do.
Perm-dif. certificate.	do.	do.	do.	do.	do.	None.	None.

A applicant must have had 2 or more years of work in an A or B grade college and must have completed 3 hours of professional work during the year in an approved department of education or three 8-hour courses in professional subjects for at least 6 weeks in an approved summer school. (b) Examination in the subjects he may be required to teach in the high school, the school law of North Carolina, and in English grammar, composition, and literature.

(a) Graduation from a grade college with a minimum of 60 credit hours of professional work through the year in an approved department of education, 3 hours of which must be in secondary education, or (b), examination as for high school teachers, except that it must cover in addition to those requirements American history, algebra, arithmetic, plane geometry, English history either Latin, French, German, and one of the following: physical science, biology, geology, agriculture, biology, botany, chemistry. Examination also includes questions of a professional nature on books specified by the State board of examiners and institute conductors.

Graduation from North Carolina State College of Agriculture or its equivalent and at least 2 years work in agriculture. Professional requirements are as in high school certificate, except that a minimum of 3 hours must be in methods of teaching agriculture.

State laws and regulations concerning teachers' certificates—Continued.
NORTH CAROLINA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Home economics special certificate.	State board of examiners and institute conductors.	State	High schools.	3 years.			State board of examiners and institute conductors.	State board of examiners and institute conductors.	Graduation from the State normal school or college with 2 years' work in home economics and professional requirements as for high school principals, except 3 hours must be in methods of teaching home economics.
Mechanic arts special certificate.	do	do	do	do			do	do	Graduation from the North Carolina State College of Agriculture or college of equal rank, with at least 2 years in mechanic arts and professional work as required for high school principals, except that the 3 hours must be in methods of teaching mechanic arts.
Elementary teacher's certificate.	do	do	Elementary schools.	2 years.	Renewable for (a) reading circle work; (b) summer school attendance.		do	do	(a) Completion of a 4-year standard high school course or its equivalent or one course for a period of one scholastic year in theory and practice or three 5-hour professional courses for 6 weeks in an approved summer school; (b) Completion of one hour of the examination in the law or the examination in spelling, drawing, reading, arithmetic, language and composition, English grammar, geography, physiology and hygiene, history of North Carolina and United States.

Primary teacher's certificate.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	Three to four years. High school course or graduation from an approved normal school, this course to include the equivalent of a two-3-hour course not less than 1 of which shall be devoted to primary methods in an approved normal school, or not less than 3 years of successful primary experience, or (b) examination on subjects required for elementary teacher's certificate.
Grammar grade teacher's certificate.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	3 years in grammar schools.
Elementary supervisor's certificate.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	3 years.
Primary supervisor's certificate.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	do.
Grammar grade supervisor's certificate.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	.do. .do. .do. .do. .do. .do. .do.	do.

1 "A and B grade" refers to classification of higher institutions made by State board for certification purposes. All require graduation from high school for entrance. Some are junior colleges or normal schools and some standard colleges.

civil, government, agriculture, theory and practice in teaching the common school subjects and North Carolina school law.

(a) Completion of a course of two to four years work beyond the high school course or graduation from an approved normal school, this course to include the equivalent of a two-3-hour course not less than 1 of which shall be devoted to primary methods in an approved normal school, or not less than 3 years of successful primary experience, or (b) examination on subjects required for elementary teacher's certificate.

Same as for primary certificate, except that the professional study shall cover more than school methods, rather than primary methods, or (b) examination in the same subject as for teacher's elementary certificate.

(a) Graduation from an A or B grade college or an approved normal school with professional requirements same as for elementary teacher's certificate, or (b) examination in same subjects as for elementary teacher's certificate.

Same as for elementary supervisor's certificate, except that required experience must be with the primary grades.

Same as for elementary supervisor's certificate, except that required experience must be with grammar grades.

State laws and regulations concerning teachers' certificates—Continued.

NORTH CAROLINA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Superintendent's certificate.	State board of examiners and institute conductors.	State	All schools.	2 years.	Renewable for (a) reading circle work; (b) summer school attendance.	2 years' teaching experience with reading 5 years or 3 years' supervising experience with reading 5 years' supervising experience with reading 10 years.	State board of examiners and institute conductors.	State board of examiners and institute conductors.	Same as for high school principal's certificate.
Assistant superintendent's certificate.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Special certificates: Kindergarten commercial branches, physical training, musical training, normal training, public speaking.	do.	do.	Subject specified.	do.	Reading circle, etc.	1 year.	None.	None.	Graduation from 4-year standard high school or its equivalent, and in addition 2 years' training as approved institution of college which the special subject on which the certificate is sought, 6 hours through the year in education, of which 3 semester hours must be in methods of teaching the special subject.

NORTH DAKOTA.

First-grade professional certificate: (1) Issued on examination.	State board of education.	State.....do.....do.....	All schools.....do.....	(a) 5 years; (b) life.	Convertible into life certificate.	12 months.....	State board of education.	State board of education.	(a) Applicant must have all the qualifications necessary for a second-grade certificate and in addition thereto be found proficient in the following subjects: Foreign language, natural science, other than the one presented by the second-grade certificate, ethics, logic or sociology, political science, economics or domestic science, and any two subjects of college grade listed in the second-grade professional certificates and provisions offered by the applicant. (b) The above may be converted into a life certificate when applicant secures a college degree.
(2) Issued on diploma.	.....do.....do.....do.....	.....do.....do.....do.....	.....do.....do.....do.....	(a) 2 years; (b) 2 years.	(a) Convertible into life certificate after 9 months' experience. (b) Convertible into certificate valid for 5 years after 6 months' experience and renewable for life after 5 years' experience.	None, or 3 years. None for certificate as to months for conversion. (b) None, or 3 years.	.....do.....do.....do.....	.....do.....do.....do.....	(a) Issued to graduates of the 4-year course of Teachers' College, University of North Dakota. (b) Issued to holders of bachelor's diplomas granted by universities and colleges of recognized standing, provided the diplomas include at least 2 years of professional preparation for teaching. In lieu of such professional study 3 years of successful experience in teaching gained after graduation is accepted as meeting the requirements.

State laws and regulations concerning teachers' certificates—Continued.
NORTH DAKOTA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Prepared by—	Questions.	Scholarship requirements.
		Territory.	Schools.						
Second-grade professional certificate: (1) Issued on examination.	State board of education.	State	All schools except 4-year high schools.	5 years.	Renewable for 5 years if applicant completes required minimum of study toward first-grade professional certificate.	9 months.			(a) Applicant must be at least 20 years of age, and must have the qualifications necessary for the higher and in master certificates, and in addition must be found proficient in the following subjects of advanced grade: Psychology, history of education, school administration, methods in elementary subjects, rhetoric and composition, American and English literature, ancient, English, or American history, one natural science, higher algebra, solid geometry, manual training, or domestic science. (b) Issued to holders of a diploma from the 3-year curriculum of the State normal schools, or its equivalent, or to holders of a diploma from the 2-year curriculum for high school graduates. After 9 months' experience, the certificate may be renewed for life. (b) Issued to holders of a diploma from the 4-year curriculum of the State normal school or the 1-year curriculum for high school graduates. This certificate may be renewed after 9 months' experience may be renewed for 5 years. (c) Issued to holders of a diploma from courses in institutions with courses equivalent to the 4 or 5 year curricula of the North Dakota State normal schools; provided that the courses in-
(2) Issued on diploma.	do.	do.	do.	(a) 2 years; (b) 2 years; (c) 2 years.	(a) Renewable for life if experience acquired. (b) Renewable for 5 years after required experience, at discretion of the board. (c) Same as (b).	(a) and (b) 3 years after receiving diploma described in column 10. (a) and (b) 5 years, without experience, and may be exchanged for life duration if successful experience.			

clude professional study and preparation, or that the holder has had 3 years' experience in teaching. This diploma may be exchanged for professional certificate for 5 years or for life after 9 months' successful experience in teaching.

(a) Applicant must be at least 20 years of age and must in addition to these subjects required for second-grade elementary certificate, be found proficient in: Elements of psychology, and four of the following subjects of secondary grade: Elementary algebra, plane geometry, physics, physical geography, botany, elements of agriculture, nature study, manual training, domestic science, American literature. (b) Issued also to applicants who hold second-grade certificate and the required experience and are at least 20 years of age.

(a) Granted to graduates of 4-year high schools, 20 years of age, who have had professional and review subjects approved by the State board of education, and the required experience. The State board of education recognizes high schools within the State on the accredited list of the North-central Association. (b) Granted to holders of the certificate of completion issued by the North Dakota State Normal schools to applicants who complete the 3-year curriculum for eighth-grade graduates, and who have the necessary experience and are 20 years of age.

First-grade elementary certificate:
(1) Issued on examination.

.....do.....

State must be recorded by superintendent schools.

Elementary schools and ninth grade in schools which have 1 year of high school work only.

3 years.....

Renewable once only.

8 months.....

State board of education.

State board of education.

(2) Issued on diploma.

.....do.....

.....do.....

.....do.....

.....do.....

.....do.....

.....do.....

.....do.....

.....do.....

.....do.....

State laws and regulations concerning teachers' certificates—Continued.

NORTH DAKOTA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Second-grade elementary certificate: (1) Issued on examination.	State board of education.	In any county of State as provided by county superintendent schools.	Elementary schools.	2 years.	Renewable on successful experience, reading and attendance at a 4-week refresher school.		State board of education.	State board of education.	Issued to persons over 18 years of age who are found proficient in the following subjects: Reading, orthography, language and grammar, geography, United States history, physiology, hygiene, civics, industrial culture, and one of the following: Music, drawing, agriculture, manual training, domestic science, or physical education. Proficiency in spelling and writing will be determined from the papers submitted. (a) Issued to holders of diplomas from North Dakota high schools or other high schools accredited by the North Dakota Association who have completed prescribed courses in (a) English, (b) mathematics, (c) history, (d) civics, (e) science, (f) manual training, (g) agriculture, (h) domestic science, (i) physical education, (j) art, (k) music, (l) health, (m) hygiene, (n) industrial culture, (o) social science, (p) foreign languages, (q) other subjects. (b) Issued to holders of certificates of completion issued by the State normal schools. (Certain courses offered to persons who are not high school graduates.)
(2) Issued on diplomas.	do	do	do	do	do				

Special certificates may be issued to applicants who possess qualifications equivalent to those required for second-grade professional certificates. Applicant for a special certificate must satisfy the board of education on the propriety in the subjects desired to teach. Each applicant will be considered on its individual merits.

At the discretion of the State board.

At the discretion of the State board.

Validity prescribed by the State board.

Subjects for which issued.

State.

State board of examiners.

High schools.

Life.

See scholarship requirements.

OHIO.

(a) Issued to holders of degrees from approved colleges who have completed a 30 months' period of successful teaching experience.
 (b) To holders of State professional high school certificates who have taught 24 months since receiving same.
 (c) Applicants in geometry, algebra, trigonometry, Latin or other foreign languages, civic government, algebra, physics, psychology, history or education, science of education and any three of the following: Latin or other foreign language, chemistry, botany, zoology, geology, astronomy, trigonometry, 600 nautical, and any one of two of the usual divisions of history, manual training, and home economics. A minimum grade of 80 per cent is required. Prerequisite for entrance, two years of college or normal school work, one fourth of which must be professional.

State board of examiners.

State board of examiners.

State board of examiners.

State board of examiners.

State board of examiners.

State board of examiners.

State board of examiners.

State board of examiners.

State board of examiners.



State laws and regulations concerning teachers' certificates—Continued.
OHIO—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State, elementary certificate.	State board of examiners.	State.....	Elementary schools.	Life.....		See scholarship requirements.	State board of examiners.	State board of examiners.	(a) Granted to applicants who have completed a 4-year high school course or its equivalent and a 1-year normal school course approved by the State department of public instruction, or its equivalent, and had 100 months' experience. (b) Granted to holders of a State provisional certificate who have taught 24 months since receiving it. (c) Granted to graduates from a standard 4-year normal school who have 60 months' experience. (d) Granted on satisfactory examination in all elementary subjects and in elementary algebra, elementary physics, and principles of teaching. Prerequisite for entrance, graduation from a 4-year high school and 1 year of college or normal school work, including 15 semester hours of professional work and 30 months of teaching experience. Excludes from any normal school teachers' college, college or university who have completed a full 4-year academic and professional course in such institution and who are also graduates of a 4-year high school. Issued to graduates from any normal school, teachers' college, college or university who have completed a full
Provisional high school certificate.	State superintendent.	do.....	High schools.	4 years.....	Renewable by State superintendent.				
Provisional elementary certificate.	do.....	do.....	Elementary schools.	do.....	do.....				

Provisional special certificate. Music, drawing, penmanship, manual training, physical culture, domestic science, agriculture, kindergarten or modern language.	do.	do.	Special subject only.	do.	Removable by State superintendent. May be made life certificate after 24 months' experience.	2-year academic and professional course in such field, diploma from a first-grade high school or its equivalent. Issued to graduates of courses of at least two years in length, including at least 18 semester hours of professional preparation, four of which are in practice teaching and observation. Applicant must also be a graduate of a full 4-year high school course.
Provisional kindergarten certificate.	State board of examiners.	do.	Kindergarten and first, second, and third grades of elementary schools.	do.	Removable by State superintendent.	Graduation from normal course in such field, certificate of content of which is approved by State superintendent of public instruction, and whose entrance requirement is graduation from a 4-year high school.
Vocational certificate: Home economics, agriculture, trade and industrial subjects.	County or city board of examiners.	do.	Subject for which given.	do.	Not stated.	Issued to applicants who meet the standards required by the State board of education and the State superintendent of public instruction for State certificates in special subject.
High school certificate.	do.	do.	High schools.	1 or 3 years, depending on grades and type of certificate, as determined by rules of local boards of examiners.	do.	Examination in English, philosophy of teaching and other subjects. Examination includes practical test in teaching. A prerequisite for entrance to this examination is 30 weeks' professional training and 4-year high school course.
Elementary certificate.	do.	do.	Elementary schools.	do.	do.	Examination in all the common branches, including agriculture and practical test in teaching. A prerequisite for entrance to this examination is 36 weeks of professional training, no personal certificate required, in addition to full 4-year high school course.

¹ City boards of examiners provide their own questions until 1924 and prescribe qualifications to take the examination. Also they may issue special certificates for teaching defectives, deaf and the like, to those who have the qualifications to secure elementary certificates and such additional qualifications as the superintendent of public instruction may prescribe.

State laws and regulations concerning teachers' certificates—Continued.
OHIO—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special certificate.	County or city board of examiners.	County or city.	Special subject schools.	1 or 3 years depending on grades and experience as determined by rules of local boards of examiners.			State superintendent.	County or city board of examiners.	(a) Examination in special subject and practice of teaching. Examination includes practical teaching test. Prerequisite same as for high school certificate. Issued to those who have completed a year of training approved by the State superintendent of public instruction. (b) Issued to graduates of first-grade high schools who in addition have completed a 1-year professional course in any high school or normal school approved by the superintendent of public instruction. (c) May be issued on completion of 1-year normal course in any high school or normal school approved by the State superintendent of public instruction until 1922. From 1922 to 1924 applicant must have a minimum of 2 years of high school work as a prerequisite to entrance to normal course. Discontinued from 1924.
Normal certificate.	do.	do.	Elementary schools.	1 year.	May be renewed for 1 or 3 years at direction of the board of examiners.				
Emergency certificate.	do.	do.	Specified school.	do.					Issued with the approval of the superintendent of public instruction to applicants who have had 1 year's experience in teaching in the public schools. Issued only when there is a shortage of teachers.

OKLAHOMA.

State certificate.	State board of education.	State.	All schools.	Life.	Amount not stated.	Renewable.	County board of examiners or State board of examiners.	Superintendent of public instruction.	12 months.	4 years.	5 years.	Renewable.	Amount not stated.	County board of examiners or State board of examiners.	Superintendent of public instruction.	12 months.
State life certificate.	State board of education.	State.	All schools.	Life.	Amount not stated.	Renewable.	County board of examiners or State board of examiners.	Superintendent of public instruction.	12 months.	4 years.	5 years.	Renewable.	Amount not stated.	County board of examiners or State board of examiners.	Superintendent of public instruction.	12 months.
Special certificate: Music, domestic science, agriculture, art, manual training, experimental, and commercial branches.	do.	do.	Special subjects only.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
Five-year high-school certificate.	do.	do.	High school.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
First-grade county certificate.	County board of examiners or State board of examiners.	In county in which issued and may be endorsed in any other county.	All schools.	4 years.	12 months.	(1)	County board of examiners or State board of examiners.	Superintendent of public instruction.	12 months.	4 years.	5 years.	Renewable.	Amount not stated.	County board of examiners or State board of examiners.	Superintendent of public instruction.	12 months.

Issued to graduates of a full 2-year course in the Oklahoma State normal schools by the State board of education. The applicant must be a graduate of colleges in Oklahoma which have a normal department or courses equivalent to that provided in the State normal schools and is approved by the State board of education.

Applicant must have had 4 years of college training with special attention to the subject upon which the certificate is issued.

Applicant must have successful experience in teaching and complete certain branches in some one of the State institutions.

Applicant must have successful experience in teaching and complete certain branches in the University of Oklahoma.

Applicants must be 20 years of age or over and attain an average of at least 80 per cent in the following subjects: Algebra, physics, American literature, arithmetic, composition, civics, elementary psychology, English grammar, geography, Oklahoma history and government, orthography, physiology and hygiene, reading, theory and practice of teaching, United States history, writing and the elements of agriculture, domestic science, music, and general history.

1. May be renewed for term for which issued by county superintendent if applicant attends institutes and summer schools as follows: 75 per cent of normal institutes or training courses held in county in which applicant has taught, or 50 per cent of teacher's associations held in county and 10 weeks, special training in a State normal school.

State laws and regulations concerning teachers' certificates—Continued.
OKLAHOMA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Two-year certificates.	State university and the A. and M. colleges or in normal schools of Oklahoma.	State	All schools	2 years					Completion of a minimum of 4 years' work above the 8th grade, and in addition applicant must have attended 1 full year at any of the institutions named in column 2 and also passed courses in agriculture, psychology, pedagogy, methods, and management.
Second-grade county certificate.	County board of examiners.	County in which issued and may be indorsed in adjoining county.	do.	do.	See first-grade county certificate.	6 months.	do.	County board of examiners.	Issued to applicants who attain an average of 80 per cent with no branch below 65 per cent in the subjects enumerated for a first-grade certificate, with the exception of algebra, physics, and general history.
Special certificate (to teach certain branches).	State board of education.	State	do.	do.	Renewable.				Applicant must have successful experience in teaching and complete certain branches in the University of Oklahoma. Applicant must have completed a minimum of 2 years of high-school work and in addition have completed courses in penmanship, music, drawing, 1 year's work in science and 1 year's work in education, and must have attended 2 terms of 12 weeks each in the institutions marked in column 2.
Normal school and college 1-year certificates.	State university and the normal schools of Oklahoma.	do.	do.	1 year	Not renewable				Graduation from the teacher training course given in certain high schools of the State. The course prescribed by State board of education and includes "course in education along the lines which will best qualify the individual for the teaching profession."
Teacher's training course certificate.	Certain high schools of the State.	do.	do.	do.	do.				

Third-grade county certificate.	County board of education.	County in which issued.	do.	Same as for first and second grade county certificates.	State superintendent of public instruction.	County board of examiners.	Issued to applicants who attain an average of 75 per cent with no branch below 60 per cent in the same subjects enumerated for second-grade certificates except American literature and psychology. Applicant must have 1 year of college work above a 4-year high-school course. Applicant must have 2 years of college work above a 4-year high-school course.
Temporary elementary high school.	State board of education.	State.	Below the 9th grade.	1 year.	1 year.	Renewable.	do.
	do.	do.	High school.	do.	do.	do.	do.

NOTE.—For first, second, and third grade county certificates:

1. In addition to the above requirements, applicants for a first-grade certificate must have the equivalent of at least 3 years of an approved high school or 36 weeks' professional training in an Oklahoma State normal school or the equivalent.
2. Applicants for second-grade certificates must have at least 2 years of academic training in an approved high school or 20 weeks' professional training in schools as provided for under first-grade provisions.
3. Applicants for third-grade certificates must have at least one year academic training in an approved high school or 10 weeks of professional training in the schools as prescribed under certificates of first grade.

OREGON.

Life State certificate.	State superintendent of public instruction.	State.	All schools.	Life.	60 months, 15 in the State.	State board of examiners.	State board of examiners.	(a) Examination with a general average of not less than 85 per cent and no branch less than 70 per cent in the following subjects: Arithmetic, writing, orthography, school reading, physiology, school law, civil government, grammar, geography, the sciences and methods of teaching, United States history, psychology, American literature, English literature, algebra, physical geography, bookkeeping, plane geometry, botany, physics composition, general bookkeeping, geology, history of education. (b) Issued also to holders of State 5-year certificate who pass satisfactory examination in geometry, botany, physics, bookkeeping, general history, geology, history of education, and English literature.
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State laws and regulations concerning teachers' certificates—Continued.

OREGON—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Five-year State certificate.	State superintendent of public instruction.	State	In elementary grades and in 1-year, 2-year, and 3-year high schools.	5 years	Renewable for attendance of 36 weeks at an institution of higher education.	12 months	State board of examiners.	State board of examiners.	Applicant must have a general average of not less than 85 per cent, with no branch below 70 per cent in the following subjects: Orthography, arithmetic, physiology, grammar, geography, theory and practice of teaching, reading United States history, civics, government, science, literature, biology, physical geography, algebra, and spelling.
Primary 3-year certificate.	do	do	First, second, and third grades.	do	Renewable for attendance of 36 weeks at an institution of higher education or 32 months' successful experience.	do	do	do	Applicant must pass examination with a general average of not less than 85 per cent and not fall below 70 per cent in any of the following subjects: Methods in reading, methods in arithmetic, methods in language, methods in geography, theory and practice of teaching, writing, orthography, physiology, psychology, and in addition applicant must submit an educational thesis on a subject given by the State superintendent.
Certificates on graduation from standard college or university.	do	do	In high schools	1 year					Graduation from standard college or university. (List of standard colleges and universities furnished by the superintendent of public instruction.)

II	do	do	5 years	6 months in Oregon.	Holder of above 1-year State certificate, on recommendation of the county superintendent of the county in which applicant last taught.
III	do	do	Life	30 months in Oregon.	Holder of above 5-year State certificate on recommendation of the county superintendent of the county in which applicant last taught.
Certificates on graduation from standard normal school:	do	do	1 year	6 months in Oregon.	Graduation from standard normal schools. (List of standard normal schools furnished by the superintendent of public instruction.)
II	do	do	5 years	6 months in Oregon.	Holder of above 1-year State certificate on recommendation of the county superintendent of the county in which applicant last taught.
III	do	do	Life	30 months in Oregon.	Holder of above 5-year State certificate on recommendation of the county superintendent of the county in which applicant last taught.
Nonstandard—	do	do	1 year	6 months in Oregon.	Graduation from nonstandard college or university and successful examination in 10 of the following 13 subjects: Algebra, American literature, English literature, psychology, physical geography, general science, physics, chemistry, composition, general history, sociology, and history of education. Applicant must make general average of 85 per cent and not fall below 70 per cent in any one subject.
II	do	do	5 years	6 months in Oregon.	Holder of above 1-year State certificate on recommendation of the county superintendent of the county in which applicant last taught.

State board of examiners.

State board of examiners.

1 For teaching those subjects only in which applicant passes examination.

State laws and regulations concerning teachers' certificates—Continued.
OREGON—Continued.

Name of certificate.	Issued by—	Valid in—		Duration	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Nonstandard—Con. III.	State superintendent of public instruction.	State.	In high schools	Life.		30 months in Oregon.			Holders of above 5-year State certificate on recommendation of the county superintendent of the county in which applicant last taught.
One-year State certificate.	do.	do.	ALL.	1 year.	Renewable after 6 months' experience.		do.	do.	(a) Average of not less than 75 per cent, no branch below 60 in the following: Arithmetic, civil government, geography, grammar, history, orthography, physiology, reading, school law, theory and practice of teaching, writing. (b) Completion of lesson training courses in accredited schools from same applicant. Applicant must show evidence of ability satisfactory to the State superintendent.
Special certificate: Library, music, agriculture, art, manual training, penmanship, domestic science, commercial subjects, physical education, languages.	do.	do.	Special subjects only.	Not stated.	Not stated.				
Temporary county certificate.	County superintendent.	County.	All schools.	Until next regular examination.					Applicant must be holder of certificate valid in another county and have teacher experience. Only one such certificate issued to any one applicant within a period of 3 years.

Note.—No certificate to teach in any elementary school shall be issued to any person unless he has completed an elementary teachers' training course or its equivalent—equivalency determined by State superintendent of public instruction.

PENNSYLVANIA.

Permanent State certificate.	Superintendent of public instruction.	State.	Branches named.	Life.	4 school terms more on provisional certificate and 2 years or more on professional certificate.	Examining board. Special branches by department of public instruction.	Examining board. Special branches by department of public instruction.	Holder of a professional certificate for 2 or more years, and certificates of successful teaching during 2 school terms from proper superintendents and boards of school directors; proof of careful reading of at least 4 books of pedagogy approved by the State superintendent; and examination in all the branches enumerated under requirements for professional and provisional certificates or transfer from college or university, approved by the College and University Council of Pennsylvania, and of approved departments therein.
College certificates: Permanent	.do.	.do.	.do.	.do.	3 years in State.	None required.	None required.	Same as for permanent college certificate on evidence of applicant's having completed during his college or university course not less than 300 hours' work in pedagogical studies such as psychology, etics, logic, history of education, school management, and methods of teaching. Applicant must have a diploma issued by a State normal school of Pennsylvania. Applicant must have a certificate from a State normal school of Pennsylvania. Graduation from an approved special school of such subjects, under such conditions as State superintendent may impose.
Provisional	.do.	.do.	.do.	3 annual school terms.	None.	.do.	.do.	
State normal school diploma.	State normal school.	.do.	.do.	Life.	2 school terms in State.	.do.	.do.	
State normal school certificate.	.do.	.do.	.do.	2 annual school terms.	None.	.do.	.do.	
Special certificates: X in drawing, manual training, physical training, etc.	.do.	.do.	.do.	Term of years and of life.	.do.	.do.	.do.	

1 Diplomas are issued by Pennsylvania State normal schools to graduates who have 2 years of teaching experience. Certificates are issued to graduates without experience.

State laws and regulations concerning teachers' certificates—Continued.
 PENNSYLVANIA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Professional certificate.	County or district superintendent.	County or district. (In counties by other county or district superintendents in districts of second class.)	Branches named.	3 years.	Renewable upon examination in any 2 of the additional branches required for professional certificate. Must read 2 additional books on pedagogy approved by State superintendent. Not renewable more than 3 times.	2 full school terms.	County or district superintendent.	County or district superintendent.	Examination in all branches required for a provisional certificate and in addition any two of the following: Vocal music, drawing, English literature, plane geometry, general history, physics, geography, elementary botany, elementary zoology, or elementary physics. Must satisfy said superintendent of intelligent reading of two of the books on pedagogy approved for such purposes by the State superintendent.
Provisional certificate.	do.	County or district. (Nominally dorsable).	do.	1 year.	May not teach more than 5 school terms without provisional certificate.	None.	do.	do.	Examination in spelling, reading, writing, physiology and hygiene, geography, grammar, arithmetic, elementary algebra, history of the United States and of Pennsylvania, civil government, including State and local government, school management, and methods of teaching.

RHODE ISLAND.

Superintendent's certificate: (1) First-grade permanent.	State board of education.	State.	All schools as superintendent.	Permanent.		10 years as superintendent.			Graduation from approved college or normal school.
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First-grade temporary.	.do.	.do.	5 years or until holder qualifies for permanent first-grade certificate.	5 years as superintendent.	Evidence of character and education satisfactory to the State board of education.
(2) Second-grade permanent. Second-grade temporary.	.do.	.do.	Permanent. 5 years or until holder qualifies for permanent second-grade certificate.	10 years as superintendent. 5 years as superintendent.	Evidence of character and education satisfactory to the State board of education.
(3) Third-grade temporary.	.do.	.do.	1 year.	Nonrenewable.	Satisfactory evidence of scholastic and professional qualification showing fitness for the service. Approval by the school committee employing applicant may be requested by the board.
First-grade certificate.	.do.	High schools.	3 years.	None.	(a) Issued to graduates of approved colleges or universities who have completed a course in education, including educational psychology, history of education, principles of education, school methods and management; or (b) examination prescribed by the State board of education.
Second-grade certificate.	.do.	Elementary schools.	2 years.	Renewed for 4 years, then 9 years for satisfactory service; permanent on 15 years' experience.	Issued to graduates of Rhode Island Normal School or any other approved State normal school maintaining a course of 3 years, including practice teaching. This course must be in addition to a standard 4-year college course.
Third-grade certificate.	.do.	All.	.do.	Renewed for 4 years, thereafter periods for service proved successful.	Issued to teachers of successful experience and to those who qualify by examination in the common-school subjects and school management, school methods, and school law.

¹ In lieu of five years' experience as superintendent special training for superintendence through professional courses in supervision and administration pursued for not less than 1 year at an approved college or normal school or 10 years' successful experience as a teacher may be accepted. No permanent certificate may be granted unless applicant has 5 years' experience as superintendent.

State laws and regulations concerning teachers' certificates—Continued.
RHODE ISLAND—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Fourth-grade certificate.	State board of education.	State.	All schools as superintendent.	1 year.	Nonrenewable and conditional.		State board of education.	State board of education.	Issued to those who pass a successful examination in the common-school subjects. Holder must qualify for higher certification within 2 years.
Special certificates: Music, penmanship, physical culture, book-keeping, or other subjects at discretion of State board.	do.	do.	High school in special subject only.	2 years.		Satisfactory to State board.			Issued to applicants who present proof of special ability in the specific subjects named in certificate and ability to instruct.
Temporary certificate.	do.	do.	High school.	Until next examination.	Not renewable.				(a) Issued to persons preparing to take the examination for first-grade certificate or (b) to those taking approved courses for which free scholarships are provided at Rhode Island Normal School or Brown University. Issued to high school graduates who have completed a prescribed course at the summer session of the Rhode Island Normal School. This certificate may be granted after present emergency is passed.
Special emergency certificate.	do.	do.	Elementary schools.	do.	do.	None.			Issued to holders of valid first-grade certificates who have the required experience and who have attended summer school during at least 3 consecutive years and have credits for completion of not fewer than 3 approved courses each year.

Note.—Every applicant for first, second, or third grade certificate is required to pass examination in Rhode Island education, including history of Rhode Island education and Rhode Island school law.

SOUTH CAROLINA.

State certificate.	State superintendent.	State.	All schools.	10 years.	Not stated.	2 years.			Issued to holders of valid first-grade certificates who have the required experience and who have attended summer school during at least 3 consecutive years and have credits for completion of not fewer than 3 approved courses each year.
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Do.....	State board of education.....	do.....	do.....	3 years.....	May be re- newed for 3 years and again for life on evidence of "contin- ued success- ful profes- sional expe- rience."	(a) 5 years, (b) 1 year, (c) 1 year.	do.....	do.....	(a) Issued to applicants who present written testimony from the supervising principal or superintendent of boards of education that they have given effective service for at least 5 years, and who hold a first-grade county certificate. (b) Issued to graduates of the special 2-year normal course at the normal school in this State. (c) Issued on completion of the 1-year course at the same institution to holders of first or second grade certificates. Issued on satisfactory evidence of fitness and preparation to teach through examination in designated high-school subjects. Issued on examination, the nature of which is announced when occasion arises. Issued on satisfactory evidence of fitness by examination or otherwise. If issued on satisfactory evidence of fitness, the holder is eligible to teach any of the subjects for which certificates are issued. Examination in following subjects: Algebra, arithmetic, United States history, civics, and current events, grammar, physiology, geography, pedagogy, and agriculture. Minimum averages and grades respectively as follows: First-grade, 80 per cent and 50 per cent; second-grade, 70 per cent and 45 per cent; third-grade, 60 per cent and 40 per cent. Applicants have diploma on graduation with A, B, or B. S. degree from higher institution within the State, approved by the State board of education. Completion of 4-year normal course with degree of B. A.										
Special 5-year high school certificate.	do.....	do.....	High schools	do.....	Renewable on evidence of experience and professional improvement.	do.....	State board of education.	State board of education.	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	
Professional certificate.	do.....	do.....	Primary and elementary.	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....
Special certificates: Kindergarten, music, and industrial subjects.	do.....	do.....	Special subject.	Not specified. Discretion of State board.	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....
County certificates: 1—First-grade. 2—Second-grade. 3—Third-grade.	County board of education.	County certificate in any other county permitted.	All schools.	2 years	First and second grade renewable at option of board if institutes attended. Third-grade can not be renewed.	None.	County board of education.	County board of education.	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....
County certificates without examination.	do.....	do.....	do.....	do.....	Optional.	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....
Teachers' normal diploma.	State board of education.	State.....	do.....	Life.	do.....	do.....	State board of education.	State board of education.	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....	do.....

State laws and regulations concerning teachers' certificates—Continued.
SOUTH DAKOTA.

Name of certificate.	Issued by—	Valid in—		Duration	Persistence.	Experience required.	Questions		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life professional diploma.	State superintendent.	State.	All.	Life.		72 months, 36 of which is in South Dakota.			Issued to graduates of the State University of South Dakota or any other approved university or college of this state. Such course includes pedagogical studies and professional training comprising at least one-quarter work during at least 18 months. Same as for above. Issued at discretion of State superintendent for probationary period necessary for above certificate.
Provisional diploma.	do.	do.		2 years.		None.			(a) Applicant shall be examined or otherwise show satisfactory proficiency in the following branches: Reading, arithmetic, penmanship, and geography, grammar and composition, history, United States history, South Dakota history, civics, physiology and hygiene, drawing and physical geography, and shall pass a satisfactory examination in the following subjects of pre college grade: Physics, algebra, geometry, general history, English and American literature, and in the following subjects of college grade: English language and literature, pedagogy, management, psychology, and history of education, either economics or sociology, and any two of the following: Botany, zoology, physics, physiology, chemistry, Latin.
Life diploma.	do.	do.	Elementary schools and first-year high school.	During good behavior.		(a) 40 months. State board of examiners. (b) None.		State board of examiners.	

State laws and regulations concerning teachers' certificates—Continued.
SOUTH DAKOTA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
First-grade certificate.	State superintendent.	Any county in State.	For any school in subjects named.	3 years.	Renewable on successful teaching experience and attendance at county institute.	None.	State board of examiners.	State board of examiners.	(a) Issued to applicants who pass a satisfactory examination in orthography, reading, writing, arithmetic, geography, English grammar, history and civics, by the State board of examiners. (b) Issued to holders of a diploma from any State normal school or any State normal department and approved by the State superintendent of public instruction, and a course of study in which at least 2 years work beyond the first year of a normal department is required, which course includes professional instruction and practice in teaching equal to 1 class-hour daily for 2 years. (a) Issued to applicants who pass satisfactory examination in orthography, reading, writing, arithmetic, physiology and hygiene, geography, English grammar, history of the United States, South Dakota history, civics and civics. (b) Issued to holders of a diploma from any State normal school or any school having a normal department approved by the superintendent of public instruction and a course of
Second-grade certificate.	do.	County in which examination held or may be endorsed by county superintendent of other counties.	All grades below the high school.	2 year.	Not renewable.	do.	do.	do.	

State laws and regulations concerning teachers' certificates—Continued.
SOUTH DAKOTA—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Primary certificate.	State superintendent.	In county in which issued in cities and towns. May be made valid in any other county by order of board of county superintendent.	Kindergarten, first and second grades in cities and towns.	5 years.	Renewable on successful teaching experience and continued professional spirit.		State board of examiners.	State board of examiners.	Examination in reading, writing, orthography, arithmetic, physiology and hygiene, geography, English grammar, history of the United States and South Dakota, drawing, and South Dakota questions in kindergartens and primary methods. <i>Note:</i> After September, 1920, applicants must have attended 18 weeks in an approved normal school, or have 5 years' successful experience as prerequisite for a primary certificate.
Vocational certificate: Manual training, domestic science, agriculture, music, drawing, commercial subjects, penmanship, kindergarten, mechanics, art.	do.	State.	Any school in subjects named.	do.	do.		do.	do.	(a) Applicant must show proficiency in all the subjects required of the state certificate except literature and American literature and in addition must show proficiency in the particular vocational subject or subjects for which certificate is desired. (b) This certificate is granted to graduates of standard institutions specializing in the subject or subjects to teach which a certificate is desired. The course of study must cover at least 2 years (36 weeks each) of work beyond the year high school course and include at least 15 semester hours in professional training.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

TENNESSEE.

	State superintendent.	State.....	High school.....	5 years.....	8 months.....	State board of examiners.....	State board of examiners.....
First-grade high school certificate.	.....do.....	.....do.....	.....do.....	.....do.....	.....do.....	.....do.....	.....do.....
Professional high school certificate.	.....do.....	.....do.....	.....do.....	.....do.....	None.....	.....do.....	.....do.....
Professional certificate.	.....do.....	.....do.....	All schools except high schools of the first class. Elementary schools.	.....do.....	.....do.....	.....do.....	.....do.....
Professional elementary certificate of the first grade.	.....do.....	.....do.....	Elementary schools.	.....do.....	.....do.....	.....do.....	.....do.....

Applicants must pass examination with an average of 65 per cent. Applicant may not sit for six groups of high school subjects, as follows: I. The English group—Spelling, English grammar and composition, rhetoric, English and American literature. II. The mathematics group—Spelling, English grammar and composition, arithmetic, algebra, plane and solid geometry. III. English grammar and composition. Tennessee history, civil government. IV. The Latin group—Spelling, English grammar and composition, first year, and Caesar, Cicero, and Virgil. V. The science group—Spelling, English grammar and composition, biology, chemistry, physiology, physics, physical geography, agriculture. VI. Home economics group—Spelling, English grammar and composition, cooking, sewing, household management. Issued to graduates of the State university or other approved institutions who have completed a minimum of 6 half-year courses in professional subjects Issued on completion of the normal school course of the State normal schools (2 years above high school). Issued upon the completion of the academic course in the State normal school.

State laws and regulations concerning teachers' certificates—Continued.
TENNESSEE—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
First-grade elementary certificate.	State superintendent.	State	Elementary schools.	5 years.	Renewable requirements prescribed by State board of education.	8 months.	State board of examiners.	State board of examiners.	Applicants must attain an average of 65 per cent with no branch below 70 per cent in all of the following subjects: Orthography, reading, writing, grammar, history of the United States, geography, arithmetic, biology, and civics books. Issued to applicants who failed to make the required average or have required experience for first-grade certificate.
Second-grade high school certificate.	do.	do.	do.	2 years.	Renewable on satisfactory work in 3 courses in high schools approved by the State board of education.	None.	do.	do.	Issued to applicants who failed to make the required average or have required experience for first-grade certificate.
Second-grade elementary certificate.	do.	do.	do.	do.	do.	do.	do.	do.	Examined in same subjects as for first-grade certificate.
Temporary certificate.	do.	In county in which issued.	do.	Until next examination.	do.	do.	do.	do.	Issued in cases of emergency and that no certificate shall be issued to the same person.

TEXAS.

Permanent State certificate: (1) Without examination.	State superintendent.	State.	Any.	Life, or during good behavior.	None, or 3 years in State.	No examination required.	No examination required.	(a) Holder of bachelor's degree from college or university of "first class," who has completed 4 full courses in education and pedagogy. Those who can not meet the last

condition may present in lieu thereof 3 years' successful experience in Texas. (b) Holder of University of Texas teacher's diploma showing completion of 4 full courses in department of education, and satisfying the requirements for degree of bachelor of arts. (c) Holder of diploma from the Peabody College for Teachers at Nashville, Tenn. (d) Holder of a valid first-grade certificate issued to those completing the necessary requirements at the College of Industrial Arts (see first-grade certificate), and 3 years' successful experience in Texas.

(e) Examination in the subjects required for a first-grade certificate, and in addition, history of American literature, chemistry, solid geometry, physics, plane trigonometry, and elementary double-entry bookkeeping. Minimum average, 80 per cent. (b) Holder of a State permanent primary certificate who during the first 6 years of its validity shall pass the required examination in the following additional subjects: Algebra, physics, chemistry, geometry, solid geometry, planetary trigonometry, and elementary double-entry bookkeeping. (c) Holder of a valid first-grade certificate and examination in the required additional subjects under (b) above. A diploma from a Texas State normal college shall rank as a permanent State certificate.

	State board of examiners.		No examination required.
	State department of education.		No examination required.
	None.....		do.....
	do.....		do.....
	do.....		do.....
	do.....		do.....
	do.....		do.....
(2) Upon examination.			Texas State Normal College diploma.

State laws and regulations concerning teachers' certificates—Continued.

TEXAS—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
State permanent primary certificate.	State superintendent.	State.	All grades below the high schools.	Life or during good behavior.	May build to permanent status during first 6 years.	None, or 3 years in State.	State department of education.	State board of examiners.	(a) Examination in subjects required for a second-grade certificate, and, in addition, civil government, English composition, physical geography, history of education, elementary psychology applied to teaching, and English and American literature. (b) Holder of a valid first-grade certificate, and examination in the following additional subjects: History of education, elementary psychology applied to teaching and English and American literature. Minimum average, 85 per cent; minimum grade, 50 per cent. (c) Holder of a valid second-grade certificate and examination in the required additional subjects making the required grade.
State kindergarten certificate:									
(1) Permanent.	do.	do.	Kindergarten.	do.		3 years' successful experience in kindergartens of State.	No examination required.	No examination required.	Holder of a valid temporary State kindergarten certificate after 3 years' experience.
(2) Temporary.	do.	do.	do.	2 years.		None.	do.	do.	(a) Graduation from regular course of a State educational institution in Texas, maintaining a department for training kindergarten teachers and completion of the kindergarten course, consisting of not less than 2 years'

<p>training with daily practice in the kindergarten. (b) Graduation from kindergarten training schools and departments approved by the State superintendent of public instruction.</p>	<p>Completion of 2 years' work in a Texas State normal college. Completion of 1 year's work in a Texas State normal college.</p>	<p>(a) Examination in all subjects required for a second-grade certificate, and, in addition, in English, composition, physical geography, elements of geometry and general history. Minimum grade of 65 per cent and no grade of less than 50 per cent render certificate valid for 6 years; minimum average of 75 per cent and no grade of less than 50 per cent renders certificate valid for 4 years.</p> <p>(b) Holder of a valid second-grade certificate and examination in the prescribed additional subjects.</p>	<p>Completion of regular course for graduation in the college of industrial arts, and, in addition, two full courses in education.</p> <p>Completion of four full courses in the college of arts, and one full course in the department of education in the University of Texas or in any university or college ranked as "first class" by the State superintendent upon recommendation of State board of examiners.</p>		
<p>Texas State Normal College certificate:</p>	<p>(1) First grade</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>(2) Second grade</p>	<p>Any grade below the high school.</p>	<p>4 years</p>	<p>6 and 7 years</p>	<p>do</p>	<p>do</p>
<p>First-grade State certificate:</p>	<p>(1) Upon examination.</p>	<p>do</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>(2) Without examination.</p>	<p>Any</p>	<p>4 or 6 years</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>First-grade State certificate without examination.</p>	<p>do</p>	<p>6 years</p>	<p>do</p>	<p>do</p>	<p>do</p>
<p>do</p>	<p>do</p>	<p>2 years</p>	<p>do</p>	<p>do</p>	<p>do</p>

State laws and regulations concerning teachers' certificates—Continued.
TEXAS—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Second-grade State certificate.	State superintendent.	State.	Grades below the high school.	6 years or 4 years (see last column).	May build to first grade or permanent primary certificate.	None.	State department of education.	State board of examiners.	Examination in spelling, reading, writing, arithmetic, English grammar, geography, Texas history, elementary science, and general civics, with special reference to war, colleges, school management, and methods of teaching, United States history, and elementary agriculture. Minimum average of 85 per cent, and no grade less than 80 per cent render certificate valid for 6 years; minimum average of 75 per cent, and no grade less than 50 per cent render certificate valid for 4 years.
Second-grade county certificate.	County board of examiners.	County.	do.	do.	Only 1 to same individual.	do.	do.	do.	Do.
Permanent first-grade primary certificate.	City board of examiners.	City.	As board of trustees desires.	During good behavior.	Varies.	3 years in Texas.	City board of examiners.	City board of examiners.	Requirements can not be lower than those prescribed by law for permanent State or county certificates of corresponding grade.
Temporary first-grade, second-grade certificate.	do.	do.	do.	Not more than 4 years.	As determined by board of trustees, based upon reading attendance upon city institute, and other means of professional growth.	None.	do.	do.	Same, except omit "permanent."

Note.—Texas State normal colleges give courses of 1 year, 2 years, and 4 years duration above 4-year high school.

UTAH.

Diploma in school administration.	State board of education.	State	All schools	Life	5 years in administration or supervision, 2 in Utah.	<p>Included to graduates of standard college courses or the equivalent. College course must show 36 semester hours in education, including instruction, supervision of instruction, supervision of education, secondary education, training, school hygiene and sanitation, and psychology. (Holders of Utah high school diplomas who have had 5 years of successful experience in Utah as superintendents of schools may be permitted to substitute other work for the prescribed subjects mentioned.)</p> <p>Issued to applicants who have graduated from a standard college course and who have done the professional work required for the diploma in school administration.</p> <p>Issued to applicants who have been eminently successful as superintendents of schools in Utah, but who can not qualify for a diploma.</p> <p>Issued to graduates of standard college courses or the equivalent. College course must include work in education required for a teacher's diploma and courses in supervision of instruction and in the theory of the special branches of subjects which the diploma covers. (For a diploma in health supervision the applicant must have completed satisfactory courses in anatomy, physiology, personal hygiene, dietetics, gymnastics, public health, sanitation, heating and ventilation, bacteriology, physiological chemistry, kinesiology, physical diagnosis, and therapeutics.)</p>
Certificate in school administration.	do.	do.	do.	5 years		
Do.	do.	do.	do.	2 years		
Diploma in supervision of health work, primary grades, grammar grades and special subjects.	do.	do.	do.	Life	5 years in supervision, 2 in Utah.	

State laws and regulations concerning teachers' certificates—Continued.
 UTAH—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Certificate in supervision.	State board of education.	State	All schools.	5 years.					Issued to applicants who have graduated from standard college courses and who have done the professional work required for the diploma in supervision.
Do.	do.	do.	do.	2 years.					Issued to applicants who have completed 2 years of college work or its equivalent.
Special certificate in school nursing.	do.	do.	do.	1 year.					Issued to applicants who have completed a 2-year course in school nursing or its equivalent.
Diploma of high school grade.	do.	do.	do.	Life.		5 years; 2 in Utah.			Issued to graduates of standard college courses or the equivalent. (College courses must show a course of professional work including 3 hours in psychology and at least 15 additional hours in educational subjects. (Issued to applicants who hold a diploma of grammar grade and have in addition completed 60 hours of approved college work.)
Professional high school certificate.	do.	do.	do.	5 years.					Issued to applicants who have graduated from standard college courses and who have done the professional work required for the diploma of high school grade.
Temporary high school certificate.	do.	do.	do.	1 year.		1 year.			Issued to applicants who have graduated from standard college courses and who have completed at least 12 semester hours in education for each semester.
Junior high school certificate.	do.	do.	Elementary and junior high school.	do.					Issued to applicants who have completed 3 years of standard college or normal school work or its equivalent above the high school, including the educational subjects required for a high school diploma.

Issued to applicant, who have completed 2 years of approved normal school or college work in addition to 4 years of high school, including at least 18 hours in educational subjects. (If applicants have taught 3 years in a normal school or college or normal work with 18 in education.)

Issued to applicants who have completed in addition to 4 years of high school 36 semester hours of normal or college work, including psychology, principles of education and 1 educational subject, a total of 9 semester hours in education. (The requirement in Utah is 24 semester hours with 9 in education.)

Issued to applicants who have completed a high school course and 1 year of normal or college work, including English composition, principles of education, psychology, training, reviews of common branches, and health education. (If the applicant has completed a year of college work not including the required subjects, and has not taken the State examination, he will be re-examined to pass examination in such subjects as the State department of education may prescribe after considering the applicant's credentials.)

(b) Issued to applicants who have completed 18 semester hours of college or normal work in addition to a high school course and have taught in Utah on regular certificates at least 3 years.

	Elementary	Life	3 years in Utah	2 years	State board of education	State board of education	State board of education
Diploma of grammar grade.	do.	do.	do.	do.	do.	do.	do.
First-class certificate.	do.	do.	do.	do.	do.	do.	do.
Second-class certificate.	do.	do.	do.	do.	do.	do.	do.

Not renewable but may be renewed in Utah 5 semester hours of college work.

Not renewable. holder is expected to complete work required for first-class certificate by expiration of second-class certificate.

State laws and regulations concerning teachers' certificates—Continued.
 UTAH—Continued.

Name of certificate.	Issued by—	Territory	Valid in— Schools	Duration	Per- tense	Experience required.	Prepared by— Examinations	Scholarship requirements.
Third-class certificate.	State board of education.	State	All schools.	1 year.	Renewable upon 5 semester hours of approved college work. Renewal requires recitation media for second-class certificate are met.	1 year.	State board of education.	Issued to graduates of a high school course who completed 5 semester hours of approved college work and pass the State examination.
High school diploma in a special subject.	do.	do.	All schools in subject named.	Life.		5 years in special subject; 2 in Utah.		Issued to graduates of standard college courses or the equivalent. College course must show course in principles of education, educational psychology, and the pedagogy of the subject in which the diploma is granted. Those who have completed 2 years of college work or its equivalent including the educational subjects prescribed for a high school diploma in a special subject.
Grammar grade diploma in a special subject.	do.	do.	Elementary.	do.		do.		Issued to applicants who present evidence satisfactory to the State board of education that they have a high degree of special fitness to teach the subjects named on the certificate.
Special certificate in art, music, military tactics, foreign language, domestic arts, carpentry, commercial subjects, and physical education.	do.	do.	In subject named on certificate.	1 year.	Special certificates in art, music, or military tactics, renewable upon recommendation of superintendent.			

1. Certificates in other subjects named renewable upon 5 semester hours of approved college work.

VERMONT.

Life certificates.	State board of education.	In district in which issued.	All schools.	Life.	(a) 170 weeks. (b) not stated. (c) not stated.	(a) Issued to applicants who qualify and who have taught not less than 170 weeks in the public schools of the State and attended professional school at least 8 weeks and completed a course in professional reading, prescribed by the commissioner of education. (b) To applicants who received certificates prior to July 1, 1916, and whose education, training, and experience are equivalent to the foregoing. (c) Issued to graduates of approved colleges or universities who have completed a prescribed course in some collegiate institution and who have successful experience. (Amount not stated.) (a) Issued to applicants who have shown skill in teaching and in the control of pupils and who have taught at least 30 weeks on a probationary certificate and who have received at least 4 weeks of summer school or special instruction in teaching. (b) Issued to applicants who have shown skill in teaching and in the control of pupils and who have taught at least 60 weeks in the public schools of the State and who have received at least 4 weeks of summer school or special instruction in teaching. (c) Issued to graduates of an approved 2-year normal school course following graduation from a 4-year high school course who have taught at least 30 weeks and have shown skill in teaching and in the control of pupils.
Qualification certificates.	do.	do.	do.	5 years from date of issue.	(a) 30 weeks. (b) 90 weeks. (c) 30 weeks. (d) 30 weeks.	May be renewed twice on recommendation of the superintendent in whose district said person last taught.

State laws and regulations concerning teachers' certificates—Continued.
VERMONT—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Qualification certificate.	State board of education.	In district in which issued.	All schools.	3 years from date of issue.	May be renewed twice on recommendation of the superintendent in whose district the person last taught.	(a) 30 weeks. (b) 90 weeks. (c) 30 weeks. (d) 30 weeks.			(d) Issued to graduates of colleges or universities of approved standing at least 30 weeks and who have shown skill in teaching and in the control of pupils. (e) Issued to nonresidents of the State who satisfy the commissioner of education that they have had education, special training, and teaching experience equivalent to the foregoing requirements.
Probationary certificates.	do.	State.	do.	For school year in which issued.	do.	(a) None. (b) None. (c) 30 weeks.			(a) Issued to graduates of teacher training courses, normal schools, colleges, and universities approved by the State. (b) Issued to persons who have had equivalent education and training. (c) Issued to persons who taught in the State at least 30 weeks prior to July 1, 1916, and who have shown skill in teaching and in the control of pupils.
Permits.	do.	In district in which issued.	do.	Not more than 12 weeks.	do.				Granted to persons whose education, experience, and training are approved by the commissioner of education and on application of a permit-tent in which the subject-matter to be taught is stated. Issued only when regularly certified teachers can not be secured.

NOTE.—State aid is granted as follows: 1. (a) \$4 per week for each teacher who holds a life certificate issued on or after July 1, 1916; (b) \$3 per week for each teacher who holds a qualification certificate or who is graduate of a 2-year normal school course (following at least 3 years in an approved high school); (c) \$2 per week for each teacher who holds a probationary certificate. 2. Special certificate or special subjects are issued under the same conditions as other certificates.



VIRGINIA.

<p>Collegiate professional certificate.</p>	<p>State board of education.</p>	<p>10 years.</p>	<p>Renewable for similar period if the holder has passed at least two books of reading course and has attended an approved summer school at least 30 days, with professional courses included, or in lieu of summer school attendance has passed an examination on reading courses.</p>	<p>(a) Issued to graduates of standard universities, normal schools or colleges based on graduation from 4-year high-school course whose curriculum required at least 15 per cent of professional work, including practice teaching. (b) Issued to holders of collegiate certificates who complete education requiring professional training.</p>
<p>Normal professional certificate.</p>	<p>do.</p>	<p>do.</p>	<p>do.</p>	<p>(a) Issued to graduates of a registered State normal school which requires at least 2 years of professional work and completion of standard 4-year high-school course, and limited to elementary grades. (b) Same as above, except that applicant must take the special training course for high-school teachers offered at State normal school, and certificate is good for elementary schools and 2 years' high school. Issued to applicants who have completed 1-year professional work at standard normal school, college, or institution based on graduation from 4-year high school or the equivalent, in summer courses approved by the State board of education.</p>
<p>Elementary professional certificate.</p>	<p>do.</p>	<p>6 years.</p>	<p>Renewable for 6 years on conditions given above.</p>	



State laws and regulations concerning teachers' certificates—Continued.
 VIRGINIA—(Continued.)

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Collegiate certificate.	State board of education.	State	All	5 years	Renewable for 10 years on conditions given above.				(a) Graduation from standard institutions of college grade. Credits toward this certificate may be secured through completing required courses at approved summer schools. (b) Credit toward this certificate may be secured also by examination in required subjects after applicant has at least 2 years' training in education of a 4-year high-school course.
First-grade certificate.	do	do	Elementary	do	Renewable for 5 years on conditions given above.	7 months	State department of public instruction.	State department of public instruction.	(a) Issued to graduates of 4-year high schools at school for at least 2 terms of 6 weeks each. (b) Issued to graduates of certain 4-year normal training high schools whose courses are approved by the State board of education. (c) Issued to applicants at least 19 years of age who have academic training equivalent to at least 2 years of high-school work and who receive a grade of at least 65 per cent on examination. Subjects and credits allowed as follows: Form giving instruction in the following subjects: (1) examination on theory and practice, 15 points; mathematics, 15 points; English grammar and composition and classics, 15 points; history, American, Virginia, and English, 15 points (5 points each); geography and

civics, 10 points (i. e., 5 points each); science, physical science, general science and agriculture, 10 points; physiology and hygiene, 5 points; spelling, 5 points; primary methods, 5 points; drawing, 5 points.
 (e) Graduation from standard 4-year high school and at least 6 weeks' professional work at approved summer normal school. (f) Issued to applicants who are at least 18 years of age; at least 75 per cent of the examination and credits are as follows: Form by applicant including an examination on theory and practice, 15 points; arithmetic, 10; English grammar and composition, 10; history of U. S. and Virginia, 10 (5 points each); geography and civics, 10 (i. e., 5 points each); physiology and hygiene, 5; primary reading and methods in spelling, 10 (i. e., 5 points each); drawing, 5 who show adequate preparation in the above specified on certificate through credentials satisfactory to the State board of education, or who satisfy other fixed requirements of the State board.
 Issued only when the supply of certificated teachers is exhausted.

Second-grade certificates.	do.	2 years	Renewable for 2 years on conditions given above and limited to one renewal.	do.	do.	do.	do.
Special certificates for high school subjects and agriculture, drawing, music, domestic arts, manual training.	do.	6 years	Renewable for 6 years on conditions given above.	do.	do.	do.	do.
Local permit.	Local, county, or district, which is based.	1 year	Elementary	Elementary	2 years	do.	do.

WASHINGTON.

Life diploma.	State.	All schools.	Life.	2 years	Same as for normal diploma.
Regents of authorized State institution.	State.	All schools.	Life.	2 years	Same as for normal diploma.

State laws and regulations concerning teachers' certificates—Continued.

WASHINGTON—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Life certificate.	State superintendent.	State	All schools.	Life		45 months for less than 27 months of which shall be in this State.	State department of education.	State department of education.	Applicant must have the credits required for a first-grade elementary certificate and in addition pass an examination in the following: Algebra, geometry, trigonometry, physics, English literature, psychology, physiology, and general history and have completed 12 semester hours of professional study in an accredited institution of higher learning or pass an examination in such professional subjects as the State board may direct. (NOTE.—The State board of education may accept other subjects in lieu of any of the above mentioned upon request of the applicant. Grades of 85 per cent and above in an accredited institution may be accepted in lieu of examination in any subject.)
Normal diploma.	Board of Regents of University of Washington.	do.	do.	5 years	May be converted into life certificate after 24 months' experience.				Graduation from the University of Washington, from course including 12 semester hours in the department of education.
Normal diploma.	Regents of State College of Washington.	do.	do.	do.	do.				Graduation from the Washington State College, the course of which includes 12 semester hours in the department of education.

Normal school elementary diploma.	Board of trustees of State normal schools.	do.	Elementary schools.	do.	Renewable for like period for life after 24 months of success in teaching experience.	Applicant must have completed the 3-year normal course in the State normal school.
Special normal school diploma.	do.	do.	(1), (2), (3).	do.	do.	Applicant must have completed a 3-year advanced course in a State normal school.
Advanced special normal diploma (after 1920).	do.	do.	All schools.	do.	Renewable for like period if diploma is applied for within 24 months of success in full experience.	Applicant must have completed a 4-year advanced course in the State normal school.
First-grade elementary certificate.	State superintendent.	do.	Elementary schools.	do.	May be renewed twice for attendance at professional schools.	Applicant must have had at least 1 year professional training in an accredited institution of higher learning and shall have credits in the same subjects as for a second-grade elementary certificate and must also pass an examination in nature study, drawing, juvenile and general literature, agriculture, civics, physical geography, and manual training. Applicant must have earned in an accredited institution of higher learning, in which teachers for the elementary schools are trained, may be accepted by the State board of education in lieu of examination in such subjects. Prerequisite as for second-grade certificate.
Normal school elementary certificate.	Board of trustees of State normal schools.	do.	do.	do.	2 years	Applicant must have completed 1 year elementary course in a State normal school.

1. Grades in which holder is best qualified to teach given on reverse side of diploma.
 2. As special teachers of manual training and home economics for small school systems in which there is less than a four-year high school course where a single special teacher in each of these special lines is employed for both elementary and high school work.
 3. As principals of nine-year school systems where the principal must teach and supervise both elementary and secondary work.
 4. As department teachers in school systems where teachers instruct in one or more subjects of the seventh, eighth, and ninth grades.

State laws and regulations concerning teachers' certificates—Continued.
 WASHINGTON—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Second-grade elementary school certificate.	State superintendent.	State	Elementary schools.	2 years.	May be renewed twice for attendance at professional schools.		State department of education.	State department of education.	Examination in reading, grammar, penmanship, and punctuation, history of the United States, geography, arithmetic, physiology, and hygiene, orthography, Washington State manual and in addition 9 weeks professional training in an accredited institution in which elementary teachers are trained. As prerequisite for entrance to this examination, examination from a 4-year high school or its equivalent is required. Applicant must show by examination or otherwise satisfactory evidence of fitness to teach special subject. (Note.—Certificates to teach in cities are granted by city boards of education. These boards adopt any rules and regulations for their own government and for the examination of teachers which they see fit, provided they are not inconsistent with the laws of the State and the rules of the State board of education.)
Special certificate: Music, art, manual training, penmanship, domestic science, or other subjects authorized by the State board of education.	County or city superintendent.	City or county where issued.	Special subject named on certificate only.	As long as holder continues to teach in city or county where issued.	(See column 5)				

(a) Applicant who holds accredited paper including 12 semester hours professional work.
 (b) Nonresidents of the State with valid certificate in another State.
 (c) Applicant who has held certificate in the State.
 (d) Applicant with credit for one semester's work in higher institution if recommended by the president.

Issued to holders of first-grade certificates of the equivalent of the same who have shown superior ability or marked progress.
 4a) Issued to applicants who pass a satisfactory examination in the following subjects: English, history, civics, education, school administration, school law and the State course of study by science and sanitation, psychology and method, sociology and five other subjects chosen by the applicants from the optional list submitted for the high school certificate. Average not less than 85 per cent. (b) to graduates of the West Virginia University, the State Normal School and other institutions who have completed a course of instruction that are equivalent to those recognized in the West Virginia University and State Normal School. Applicants must have completed not less than 28 semester hours in education at least 8 of which are in school supervision.

Nonrenewable and issued only to same applicant.

(a) None (b) 9 months (c) 9 months (d) None.

Until next examination.

Territory under jurisdiction of superintendent who issued certificate.

State life certificate.

WEST VIRGINIA.

State life certificate.	State superintendent.	State.	All schools.	Life.	10 years.	State superintendent.	State superintendent.
Supervisor's certificate.	do.	do.	do.	5 years.	2 years on first certificate; thereafter equivalent experience.	do.	do.
					Renewable for 5-year period; holder is actively engaged in school work.		

State laws and regulations concerning teachers' certificates—Continued.
WEST VIRGINIA—(continued).

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
High school certificate.	State superintendent.	State	All schools	5 years	Renewable for 5-year period if holder is actively engaged in school work.		State superintendent.	State superintendent.	(a) Issued to those who pass satisfactory examination in four or more subjects, four of which are designated by the State board of education, the remaining six being chosen by the applicants from an optional list submitted by the board. For this certificate the four required subjects are: (1) Educational psychology and method, (2) history of education and school management, (3) rhetoric and composition, (4) literature—English and American. The remaining six subjects may be selected from the following: History (1) American history and civics, (2) English history, (3) ancient and mediæval history, Language—(1) Latin, through Virgil; (2) Greek, through Xenophon; (3) German, 2 years; (4) French, 2 years. Mathematics—(1) Algebra, (2) plane geometry, (3) solid geometry, (4) trigonometry. Science—(1) physics, chemistry, (2) physical geography and elementary geology, (3) astronomy, (4) agriculture, (5) sociology, (6) biology, or (b) to graduates from the West Virginia University or other colleges and universities with an equivalent course, provided that applicant's course has included 20 semester hours in education in approved subjects.

<p>Normal school certificates.</p>	<p>Elementary and high schools.</p>	<p>Normal school certificates.</p>	<p>Issued to graduates in the diploma course of the State Normal College, the West Virginia College Institute, or an equivalent course in any other institution approved by the State board.</p>
<p>Elementary certificates: First Grade.</p>	<p>do. do. do. do. do. do. do. do. do.</p>	<p>do. do. do. do. do. do. do. do. do.</p>	<p>do. do. do. do. do. do. do. do. do.</p>
<p>do. do. do. do. do. do. do. do. do.</p>	<p>do. do. do. do. do. do. do. do. do.</p>	<p>do. do. do. do. do. do. do. do. do.</p>	<p>do. do. do. do. do. do. do. do. do.</p>
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1 All certificates issued after July 1, 1922, of 5 years' duration or more may be renewed for successful experience and reading; circle work or upon recommendation of the county superintendent.
 2 From July 1, 1922, to June 30, 1924, applicants for first-grade certificates must have at least 1 year of high-school work and 9 weeks of professional study as a prerequisite.
 3 From July 1, 1924, to June 30, 1926, applicants for first-grade certificates must have at least 2 years of high-school work and 15 weeks of professional study as a prerequisite. From July 1, 1926, to June 30, 1928, applicants for first-grade certificates must have at least 3 years of high-school work and 21 weeks of professional study as a prerequisite.

Issued to all applicants who attain a general average of 90 per cent with no subject below 75 per cent in the following subjects: Spelling, reading, writing, arithmetic, English grammar and language, physiology and hygiene, United States and West Virginia history, geography, civics, government, theory and art of teaching and agriculture.

Renews his license upon successful experience and recommendation of the county superintendent. Second renewal on recommendation of county Superintendent and successful examination in 2 subjects. After that time may be renewed for life.

State laws and regulations concerning teachers' certificates—Continued.
WEST VIRGINIA—Continued.

Name of certificate.	Valid in—		Duration.	Permitance.	Experience required.	Questions.		Scholarship requirements.
	Territory.	Schools.				Prepared by—	Examined by—	
Elementary certificate— Kindergarten. Second grade.	State.	Elementary schools as teachers, but not principals.	3 years.	Not renewable.		State superintendent.	State superintendent.	Issued to applicants who attain a general average of 80 per cent with no branch below 65 per cent in same subjects as enumerated for first-grade certificate.
Third grade.	do.	do.	1 year.	do.		do.	do.	Issued to all applicants who attain general average of 80 per cent with no subject below 65 per cent in same subjects enumerated for first-grade certificate, provided that a third-grade certificate shall not be issued more than twice to the same person.
Short-course certificate.	do.	Elementary schools as teachers, but not principals, and junior high school.	3 years.	Renewable for a 3-year period for successful experience credit in an approved high or normal school.				Issued to those who have completed the short course in the State normal school and its branches, short course in the West Virginia Collegiate Institute, the normal training which schools approved by the State board, or an equivalent course in other schools approved by the State board.
Special certificate: Primary, kindergarten, music, drawing, physical training, home economics, manual training, agriculture. (Special certificates in other fields may be added as the needs of the schools may require.)	do.	Subjects specified.	do.	do.	For primary certificate 2 years' experience on first or second grade certificate.			Issued on examination or completion of course approved by the State board of education. The prescribed subjects for the primary certificates are elementary literature, child study, and school management, school hygiene and sanitation, primary reading, number work, picture study, and writing. The optional subjects are history for children, poetry, elocution, drawing and music. Other special certificates are issued to

STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

persons who pass a satisfactory examination upon the following: (1) The major subjects as indicated in the name of the certificate applied for, (2) educational psychology and method, (3) English grammar (same as for elementary certificate). In each case where different subjects appear on different certificates the same list of questions will be used. Issued under such regulations as shall be prescribed by the board of education, to persons who were unable to take the regular examination for reasons satisfactory to the State superintendent. Such certificate shall not be issued more than once to the same person.

(a) Applicant must have graduated from incorporated college, university, or normal school, or from University of Wisconsin, Wisconsin State Normal School, or Wisconsin State Normal School, or completed a course equivalent to the corresponding course in the University of Wisconsin, Wisconsin Normal School, or Stout Institute, and must have been included as much psychology and pedagogy as is required in Wisconsin institutions for a life certificate.

Emergency certificate.	do.	In County designated.	do.	(until June 30) following the issue of certificate.	Life.	2 years.
Unlimited State certificate:	State superintendent recommendation of the State board of examiners.	All.	State.	Life.	2 years.	

WISCONSIN.

State laws and regulations concerning teachers' certificates—Continued.

WISCONSIN—Continued.

Name of certificate.	Issued by—	Territory—	Valid in—	Duration.	Persistence.	Experience required.	Questions.	Scholarship requirements.
Unlimited State certificate—Con (b)	State superintendent.	State.	All or to those the subjects included in the license previously issued.			2 years.	Prepared by— Examined by—	(b) Issued to holders of diplomas from the University of Wisconsin, Wisconsin State Normal School, or Stout Institute. (Note.—Applicant must present certified state reports from the presidents of the institutions showing date of graduation and courses pursued. Diplomas issued by regents of state normal schools must show that graduates have passed satisfactory examination in prescribed courses.)
(c)	Same as (a)	do	Any public school or as principal of a free high school.			1 year.	Board of ex-aminers	(c) Applicant must possess requisite scholarship in all the branches of study required for the limited state certificate and such others as the state board of examiners shall prescribe. Applicants shall be examined in the subjects prescribed for the limited state certificate and in addition in school law and the supervision and management of district schools. Must also furnish theses embodying an account of an original inspection and investigation of at least two country schools and two testimonials of character.
County superintendent's certificate.	State superintendent.	do	All	Life		8 months in Wisconsin	Board of ex-aminers	

<p>Limited State certificate: (a).....</p>	<p>Same as for (a) above.</p>	<p>Any public school but not as principal of a free high school having a 4-year course.</p>	<p>3 years</p>	<p>Not renewable</p>	<p>(a) Applicant must possess requisite scholarship in subjects required for a first-grade county certificate of the same grade and also in psychology and English literature, and such other subjects as the State board of examiners may prescribe. These certificates may be of the same grade as county certificates. (b) Qualifications same as for limited State certificate, but in addition, one that no certificate is required. (c) Graduation from elementary course in a normal school.</p>
<p>(b).....</p>	<p>do.....</p>	<p>do.....</p>	<p>1 year</p>	<p>Renewable for 1 year.</p>	<p>Applicant must present certified statements from board of regents of said institution. (a) Examination in all branches required for a second-grade certificate and in addition in English literature, modern history, theory and art of teaching, and elementary arithmetic, provided that the requirements as to persons shall not apply to persons who have completed the prescribed course for teachers of country schools in normal school, county training school, or a legally authorized teacher's training course of a high school. Superintendent may transfer standing of a second-grade certificate to a first-grade certificate under certain conditions.</p>
<p>(c).....</p>	<p>State superintendent.</p>	<p>do.....</p>	<p>do.....</p>	<p>do.....</p>	<p>Applicant must present certified statements from board of regents of said institution. (a) Examination in all branches required for a second-grade certificate and in addition in English literature, modern history, theory and art of teaching, and elementary arithmetic, provided that the requirements as to persons shall not apply to persons who have completed the prescribed course for teachers of country schools in normal school, county training school, or a legally authorized teacher's training course of a high school. Superintendent may transfer standing of a second-grade certificate to a first-grade certificate under certain conditions.</p>
<p>First-grade county certificate.</p>	<p>County superintendent.</p>	<p>Superintendent's district where issued.</p>	<p>3 years</p>	<p>Renewable for 3 months</p>	<p>Applicant must present certified statements from board of regents of said institution. (a) Examination in all branches required for a second-grade certificate and in addition in English literature, modern history, theory and art of teaching, and elementary arithmetic, provided that the requirements as to persons shall not apply to persons who have completed the prescribed course for teachers of country schools in normal school, county training school, or a legally authorized teacher's training course of a high school. Superintendent may transfer standing of a second-grade certificate to a first-grade certificate under certain conditions.</p>

1 Course no longer offered. Provisions in law only apply to those previously issued.
 2 No license or certificate to teach in any public school in Wisconsin is issued unless applicant has completed at least 2 years of standard high school work or its equivalent and in addition at least 1 year of instruction and training preparatory to the work of teaching. After September, 1923, no county licenses or certificates to teach in any public school in this State will be issued unless applicant has completed a full 4-year high school course or its equivalent and in addition at least 1 year of instruction and training preparatory to the work of teaching, provided that these restrictions shall not apply to any person who has had at least 2 years' experience in teaching in a public school, or who holds an unexpired license or teacher's certificate.
 3 License or certificate may transfer to a first-grade certificate the standing of the second-grade certificate in force or within 1 year of its expiration if holder has taught successfully 8 months or has attended a professional school for teachers for at least 6 weeks and received credit in at least 2 subjects required for first-grade certificate. In addition, applicant must have completed all work required by State reading circle board. In the same way, grades may be transferred from the third to the second grade certificate, if applicant has attended a professional school and completed reading circle work as prescribed for first-grade certificate.

State laws and regulations concerning teachers' certificates—Continued.
 WISCONSIN—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions. Prepared by— Examined by—	Scholarship requirements.
		Territory.	Schools.					
First-grade county certificate.	County superintendent.	Superintendent's district where issued.	All.	5 years	Renewable for 5 years after satisfactory experience and completion of required reading circle work or renewed on re-examination.	8 months	County superintendent.	(b) Holders of certificates of graduation from the course for teachers of country schools in State normal schools, county training schools, authorized teacher training courses in high schools if standings are approved by county superintendent who issues certificate. (a) Examination in all the branches required for a high grade certificate and in addition in general science and American literature, domestic science, and manual training, provided the requirement as to experiences shall not apply to persons who have completed the prescribed course for teachers of country schools in a normal school, county training school, or a legally authorized teacher-training course in a high school. Standings may be determined from their records on second-grade certificates under certain conditions. (b) same as (b) under county first-grade certificates.
Second-grade county certificate.	do	County in which issued.	do	3 years	May be renewed after 2 years' successful experience if applicant attends professional teachers' school for teachers at least 2 weeks and receives credit in at least 2 required subjects or passes an examination in 2 subjects required for first-grade certificate and completes courses required by State reading board.	do	do	

Special license for manual training, domestic science, or other subjects legally authorized.	State superintendent.	State	Any school in special subject for which issued.	Renewable for 1 year.	None required.	Graduation from regular course in subject for which issued, as enumerated in column 1, from State Institute. Applicant must hold certified statement from president of said institute.
Special license in commercial subjects, agriculture, manual training, domestic science, kindergarten, and deaf.	do.	do.	Any school in the branches indicated, kindergarten and first and second grades. Not in grades below high school.	do.	do.	Issued to holders of certified statement from president of University of Wisconsin or any State normal school or equivalent institution or course, which statement shows graduation from full course in authorized subjects.
State license.	do.	do.	Any	do.	do.	(a) Issued to holders of certified statement from the president of the University of Wisconsin. Applicant must be a graduate of the university and have completed the instruction in pedagogy prescribed by the university for those who intend to teach. Certified statement must also show date of graduation and date of statement from the president of the university showing that applicant has graduated from full course and setting forth name of person and course from which graduated.

* Each county superintendent may establish standards of attainment in each branch to be reached by applicant before receiving certificates. The standards in the branches of study common to the third and second grade certificates shall be higher for the second than for the third grade. Standards in the branches common to the second and first grade certificates shall be higher for the first grade than for the second. County superintendents may require additional subjects in the normal schools. County superintendents may also accept standings obtained by completion of studies in the normal schools, county training schools or teachers' training courses in high schools. In a case of examination, provided they are accepted within 5 years after such standings were recorded in said schools; county superintendents may also accept evidence of satisfactory completion of courses included in the Wisconsin teachers' reading circle as substitute for examination in any required subject in which the applicant has passed previously a satisfactory examination for teachers' certificate.

State laws and regulations concerning teachers' certificates—Continued.
WISCONSIN—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Third-grade county certificate.	County superintendent.	County in which issued.	Any.	Not more than 1 year.	May be renewed if holder attends professional school for teachers for a period of at least 4 weeks and recieves credit in at least 2 subjects required for a second-grade certificate or passes an examination in 2 such subjects. Applicant must also work prescribed by State reading circle board.	None required.	County superintendent.	County superintendent.	Examination in spelling, reading, penmanship, arithmetic, composition and grammar, geography, history of the United States and State of Wisconsin, civil government of the United States and the State of Wisconsin, physiology and hygiene, school management, manual of Wisconsin elementary school course, elements agriculture and home economics, cataloging and use of school libraries.
Special certificate.	do.	do.	do.	do.	do.	do.	do.	do.	Issued by county superintendent on examination in subjects required for third grade certificate. Issued only when supply of legally qualified teachers has been exhausted.

(See footnote on p. 191.)
It shall not be lawful for any superintendent to indorse a certificate issued by any other superintendent. However, if holders of certificates desire to teach in another county in the State, the superintendent of said county may request a transfer of applicant's papers, and if they are satisfactory may issue certificate on basis of same.

WYOMING.

Administrative certificate: Class 1.	State board of education.	State.	Principal of high school, superintendent of schools, County superintendent.	Life.	4 years.	Renewed indefinitely for 3-year period.	3 years.	Graduation from standard college with English 4 hours, major subject 26 hours, minor subject 14 hours, minor subject 10 hours, 20 hours in education, including school administration and supervision and at least 3 of the following: Educational psychology, principles of teaching, secondary education methods, practice teaching, history of education.
Class 2.	do.	do.	Principal of high school, grades 9-12, Superintendent of school system, grades 10, County superintendent.	3 years.	3 years.	do.	1 year.	3 years' collegiate or normal school work, including English 4 hours, major subject 18 hours, minor subject 10 hours, minor subject 8 hours, 15 hours in education, including school administration and supervision and at least 2 of the following: Educational psychology, principles of teaching, methods, practice teaching or observation, secondary education.
Class 3.	do.	do.	Principal of school grades 1-10, county superintendent.	Life.	3 years.	do.	1 year.	Graduation from a standard normal school or 2 years of college education with English 4 hours, major subject 12 hours, minor subject 8 hours, minor subject 6 hours, 10 hours in education, including school administration and supervision and at least 1 of the following: Educational psychology, principles of teaching, methods, practice teaching or observation, secondary education.
High-school certificate.	do.	do.	Grades 7-12.	Life.	3 years.	do.	3 years.	Graduation from a standard college with English 4 hours, major subject 26 hours, minor subject 10 hours, 15 hours in education, including at least 4 of the subjects listed under Class 3.



State laws and regulations concerning teachers' certificates—Continued.

WYOMING—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
High-school certificate—Continued. Class 2.	State board of education.	State	Grades 7-12	4 years.	Renewed indefinitely for 3-year period.	2 years.			Applicant must have 8 years of college or normal school work with English, history, mathematics, 18 hours, minor subject, 10 hours, minor subject, 8 hours, 12 hours in education, including at least 3 of the subjects listed under Class 3. Graduation from a standard normal school or 2 years in standard college course, must include English 4 hours, major subject 12 hours, minor subject 8 hours, minor subject 6 hours, 8 hours in education, including at least 4 of the following: Education, psychology, principles of teaching methods, practice teaching or observation secondary education.
Class 3.	do.	do.	Grades 7, 8, 9, and 10.	3 years.	do.	1 year.			
Elementary city school certificate: Professional class.	do.	do.	City, elementary schools and rural schools under certain conditions.	Life.		3 years.			Graduation from a 4-year high school and a diploma from a standard normal school representing at least 2 years of work above the high school.
Class A.	do.	do.	do.	3 years.	May be renewed 3 times for 3-year period.	2 years.			Graduation from a 4-year high school and professional training equivalent to at least 30 semester hours.
Class B.	do.	do.	do.	2 years.	Renewable twice for 2-year period.	None.			Graduation from a 4-year high school and normal training equivalent to at least 15 semester hours.

Elementary city school certificate, upon examination Class A.	do	City, elementary.	May be renewed 3 times for 3-year period.	2 years	Certification of State department of education.	Certification of State department of education.	Graduation from a 4-year high school and normal training 15 semester hours are required as prerequisites to examination. Applicant must pass in examination with an average of 85 per cent with no branch below 75 per cent in ability and competency to teach English classics for elementary grades, general science and community civics, elementary psychology, plays and playgrounds, hygiene of the school child.
Class B.	do	do	May be renewed twice for 2-year period.	None	do	do	Completion of at least 3 years in a standard high school and 10 standard hours of normal training and 30 semester hours with a general average of 80 per cent and a minimum grade of 70 per cent in orthography, reading, penmanship, arithmetic, language and grammar, geography, and United States history, civics, physiology and hygiene, elementary agriculture, elementary music, elementary drawing, school management.
Rural school certificate: Class professional.	do	Rural and elementary city schools.	do	Life	do	do	Graduation from a standard 4-year high school and diploma from a standard normal school representing 2 years of work above the high school; 15 semester hours, 5 of which shall be in rural education.
Class A.	do	do	May be renewed 3 times for 3-year period.	3 years	do	do	Graduation from a 4-year high school and normal training equal to 30 semester hours, 10 of which shall be in rural education.

State laws and regulations concerning teachers' certificates—Continued.
WYOMING—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.	Scholarship requirements.
		Territory.	Schools.					
Rural school certificate— <i>Contid.</i> Class B.	State board of education.	Stat.	Rural and elementary city schools.	2 years.	May be renewed for 2-year period.	1 year.	Prepared 1.— Examined by—	Graduation from a 4-year high school and the equivalent of 15 semester hours of normal training of which 5 shall be in the department of rural education.
Class C	do.	do.	Rural schools.	1 year.	May be renewed once for 2-year period.	None.		Graduation from an accredited 4-year high school and normal training equal to 5 semester hours in the department of education in the University of Wyoming.
Class: Advanced State high school normal training department certificate.	do.	do.	do.	2 years.	May be renewed twice for 2-year periods.	do.		Graduation from a 4-year high school including 1 year normal training in accredited high schools.
State high school normal training department certificate.	do.	do.	do.	1 year.	May be renewed once for 2-year period.	do.		Applicant must have 3 years in a standard high school or hold a third-grade certificate and 1 year normal training in an accredited high school.
Rural school certificate by examination: Class A.	do.	do.	Rural and elementary city schools.	3 years.	May be renewed 3 times for 3-year periods.	2 years.		Graduation from a 4-year high school and 15 semester hours of normal training are required as a prerequisite for entrance to examination. Applicant must have a general average of 85 per cent with a minimum of 75 per cent upon examination in psychology, ability and competency to teach English classics for elementary grades, general science and community civics, elementary psychology, play and playgrounds, hygiene of the school child.

Class B	.do.	.do.	.do.	2 years	1 year	May be renewed twice for 2-year periods.	1 year	Certification of division of State department of education.	Certification of division of State department of education.	Education equal to 3 years in high school and 10 semester hours in normal school are required as a prerequisite to entrance to examination. Applicant must pass with a general average of 80 per cent and a minimum grade of 70 per cent in elementary public-school music, elementary drawing, and rural school management.
Class C	.do.	.do.	Rural schools.	1 year	May be renewed once for 2-year period.	None	None	.do.	.do.	Completion of 2 years in high school and 5 semester hours in normal school and examination with general average of 70 per cent and a minimum grade of 60 per cent in orthography, reading, language and grammar, penmanship, physiology and hygiene, history and civics, elementary agriculture, geography, arithmetic, methods in the elementary branches with special reference to rural schools.
Special certificate on credentials.	.do.	.do.	In special department mentioned on certificate.	Life		2 years	2 years	.do.	.do.	Graduation from a 4-year high school and graduation from a standard technical school with a 2-year course, or graduation from a standard college with a major in special technical subjects, 25 hours, English 4 hours, also 6 hours in education. ¹

¹ If applicant has no credit in education he may qualify by taking an examination and making a minimum grade of 80 per cent in principles of teaching.

State laws and regulations concerning teachers' certificates—Continued.
WYOMING—Continued.

Name of certificate.	Issued by—	Valid in—		Duration.	Persistence.	Experience required.	Questions.		Scholarship requirements.
		Territory.	Schools.				Prepared by—	Examined by—	
Special certificates upon examination: Agriculture, home economics, manual training, physical education, commercial branches, penmanship, music, primary kindergarten, stenography, foreign languages.	State board of education.	State.	In special department mentioned certificate.	3 years.	Renewed indefinitely for 3-year periods.	2 years.	Certification of State department of education.	Certification of division of State department of education.	Graduation from a 4-year high school or its equivalent is required as a prerequisite for entrance to the examination. Applicant must have a minimum of 80 per cent on the special subject or group of subjects and principles of teaching.
Temporary certificate.	do.	District of which issued.	All schools.	Until the next regular examination.					Granted to applicants who have been engaged to teach after the last regular examination and not issued to persons who do not possess the prerequisite of high school and normal or college education necessary to admit him to examination and such credentials as show his ability to pass examination.

NOTE.—Exemption certificates granted on the basis of credits from the State normal school of Wyoming may be granted on credits from other normal schools and colleges of equivalent rank.

INFORMATION CONCERNING HIGH-SCHOOL CERTIFICATES.

STATES WHICH ISSUE SPECIAL HIGH-SCHOOL CERTIFICATES.

Colorado.	Maine.	Oklahoma.
Delaware.	Maryland.	Oregon.
Georgia.	Massachusetts.	Rhode Island.
Idaho.	Nebraska.	South Carolina.
Illinois.	Nevada.	Tennessee.
Indiana.	New Hampshire.	Utah.
Iowa (included in special subject certificates).	New Jersey.	Virginia.
Kentucky.	New Mexico.	West Virginia.
Louisiana.	North Carolina.	Wyoming.
	Ohio.	

REQUIREMENTS FOR HIGH-SCHOOL CERTIFICATES.

<i>Issued on examination:</i>	<i>Issued for college work:</i>	<i>Issued for college work—Con.</i>
Connecticut.	Delaware.	New Jersey.
Georgia.	Idaho.	New Mexico.
Indiana.	Illinois.	North Carolina.
Louisiana.	Iowa. (4-year normal).	Ohio.
Maine.	Kentucky.	Oklahoma.
Nevada.	Maine.	Oregon.
North Carolina.	Maryland.	Rhode Island.
Rhode Island.	Massachusetts.	Tennessee.
South Carolina.	Nebraska.	Utah.
Tennessee.	Nevada.	West Virginia.
West Virginia.	New Hampshire.	Wyoming.

SPECIAL TRAINING IN SUBJECTS TAUGHT.

Utah: High-school diploma in special subject. (Graduates of standard colleges or equivalent with special study in subject taught.)

Virginia: Special certificate for high-school subjects. (No college work required but must show adequate preparation in branches specified in certificates.)

Indiana requires examination in subjects taught in high school and in education.

New Jersey requires either examination in subjects to be taught or a prescribed number of credits in such subjects included in college course.

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TABLE 4. Summary of certificates issued by central, county, and local agencies.

States.	Grand total.		Central agencies.			County agencies.		Local agencies.	
			Total.	Valid in—		Total.	Valid in—		
				State.	County.				Town or district.	County.	District.
Alabama.....	8	6	6						
Arizona.....	6	6	6						
Arkansas.....	12	8	8			4	4		
California.....	12	4	4			3	3	1	
Colorado.....	9	5	5			3	3	2	
Connecticut.....	10	8	8						
Delaware.....	14	13	13			11	11		
Florida.....	14	14	14	1					
Georgia.....	14	5	5			9	9		
Idaho.....	9	6	6			3	3		
Illinois.....	10	3	3			7	7		
Indiana.....	31	25	25			6	6		
Iowa.....	11	11	11						
Kansas.....	15	12	12			3	3		
Kentucky.....	9	7	7			4	4		
Louisiana.....	4	4	4						
Maine.....	10	9	9					1	
Maryland.....	11	11	11						
Massachusetts.....	6	5	5					1	
Michigan.....	17	11	11			6	3	1	
Minnesota.....	10	10	10						
Mississippi.....	18	10	10			8	8		
Missouri.....	12	7	7			5	5		
Montana.....	15	15	14		1				
Nebraska.....	13	11	9		2	2	2		
Nevada.....	10	10	9		1				
New Hampshire.....	10	10	10						
New Jersey.....	20	20	20			15	15	5	
New Mexico.....	7	7	7						
New York.....	15	10	8		1			5	
North Carolina.....	15	15	15						
North Dakota.....	9	9	9						
Ohio.....	18	6	6			6	6	6	
Oklahoma.....	14	11	10		1	3	3		
Oregon.....	15	14	14			11	11		
Pennsylvania.....	8	6	6			2	2		
Rhode Island.....	12	12	12						
South Carolina.....	10	6	6			4	4		
South Dakota.....	10	10	7		3				
Tennessee.....	8	8	7		1				
Texas.....	15	12	12			1	1	2	
Utah.....	16	16	16						
Vermont.....	4	4	3		1				
Virginia.....	8	8	7		1				
Washington.....	14	10	10			2	2	2	
West Virginia.....	10	10	9		1				
Wisconsin.....	16	12	12			4	4		
Wyoming.....	23	23	22		1				
United States.....	505	475	400	8	7	95	94	1	25

¹ District, village, or city, all classed as local here.
² Temporary or special in name or significance.
³ There are 5 separate varieties of life certificates and 4 varieties of State certificates, and they are divided here because of certain characteristics tabulated.
⁴ Good in districts organized under Arts. XXII and VI, also one for all districts except cities of 1,000 population.
⁵ Issued by city and county authorities.
⁶ One certificate issued either by State or county board.
⁷ Districts of over 5,000 population may issue certificates under certain conditions.

STATE LAWS GOVERNING TEACHERS' CERTIFICATES. 201

TABLE 5.—Certificates issued by central agencies that are valid throughout the State, distribution among the respective classes of schools, and duration of such certificates.

States.	No.	Any school		High school		Elementary		Primary and kindergartens		School subjects named.	
		No.	Duration	No.	Duration	No.	Duration	No.	Duration	No.	Duration
Alabama	6	6	L, 5, 6, 1, 2, T ¹								
Arkansas	7	6	L, 5, 6, 6, 6, 2							1	T ¹
Arizona	3	3	L, 4, 4			1	2, 2			1	L
California	4	1	L			1	L	1	L	1	L
Colorado	5	5	L, 5, 5, 5, 5								
Connecticut	8	5	L, 1, 1, 1, 1			1	1	1	1	1	T ¹
Delaware	13	3	L, 3, 3, 3	3	3, 3, 3			3	3, 3, 3, 2, 2	1	3
Florida	11	8	L, 1, 1, 1, 5, 5, 3, 1					3	L, 4, 4	2	5, 5
Georgia	5	4	3, 3, T, T ¹								1
Idaho	6	2	L, 3	3	L, 5, 1						1
Illinois	3	1	L	1	L						1
Indiana	29	5	L, L, L, L, L, 8	1	L	6	L, 4, 3, 3, 2, 1	6	3, 2, 2, 2, 1, 1	7	4, 3, 3, 2, 2, 1, 1
Iowa	11	9	5, 5, 5, 5, 5, 2, 2, 1					1	5	1	3
Kansas	12	5	L, L, 3, 3, 1			4	L, 3, 3, 2			3	L, 3, 1
Kentucky	7	6	L, L, 3, 3, 2, 1	1	T ¹						
Louisiana	4	1	L	1	L	3	5, 3, 1				
Maine	9	4	L, 1, 5, 2			4	L, 1, 5, 2			1	2
Maryland	11	1	3	2	3, 3	5	3, 3, 3, 2, 2			3	3, 3, 2
Massachusetts	5	2	L, 3	3	L, 2, 2						
Michigan	11	7	L, L, L, L, 1, 4, 4			1	3	1	L	2	L, L
Minnesota	13	4	3, 2, 1, T ¹			5	L, 5, 2, 2, 1			1	L
Mississippi	10	9	L, 5, 3, 3, 2, 2, 1, 1, 1							1	T ¹
Missouri	7	2	L, 5	2	L, 2, 5	3	L, L, 2				
Montana	14	14	L, L, L, L, L, 6, 6, 6, 5, 3, 2, 1, T								
Nebraska	9	1	L	2	3, 3	5	3, 3, 3, 3, 1			1	3
Nevada	6	3	L, 3, 4	3	L, 3, 4	5	L, 3, 3, 2, T			1	2
New Hampshire	9	2	L, 3	3	L, L, 1	4	L, L, 1, 1				
New Jersey	23	2	L	2	L, L	2	L, L	1	L, 1	14	L, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
New Mexico	7	22	L, 5	1	5	3	3, 2, 1			1	1
New York	10	6	L, L, L, 5, 3, 2			3	L, L, 1			1	3
North Carolina	13	3	L, 2, 2	2	3, 3	6	2, 2, 2, 2, 2, 2			4	3, 3, 3, 2
North Dakota	10	3	L, 5, 2			6	5, 3, 3, 2, 2, 2, 2			1	T ¹
Ohio	6	2	L, 4			2	L, 4	1	4	1	4
Oklahoma	10	5	L, 2, 2, 1, 1	2	5, 1	2	5, 1			1	L
Oregon	14	2	L, 1	6	L, L, 5, 5, 1, 1	4	L, 3, 3, 1	1	3	1	T ¹
Pennsylvania	6									6	L, L, L, L, 3, 2
Rhode Island	12	5	L, L, 5, 3, 1	3	3, 2, T	4	2, 2, 1, T				
South Carolina	5	3	10, 5, 5	1	5					1	5
South Dakota	7	3	L, 3, 2			3	L, 3, 2			1	5
Tennessee	8	1	5	4	5, 5, 2, 1	3	5, 5, 2				
Texas	12	7	L, L, L, 6, 6, 6, 4			3	L, 6, 4	2	L, 4		
Utah	16	8	L, L, L, 5, 5, 5, 1, 1			6	L, L, 5, 2, 1, 1, 1			2	L, 1
Vermont	3	3	L, 5, 1								
Virginia	7	2	10, 5			4	10, 6, 5, 2			1	6
Washington	10	6	L, L, 5, 5, 5, 5			4	5, 5, 2, 2				
West Virginia	8	4	L, 5, 5, 5			3	3, 3, 1			1	5
Wisconsin	12	7	L, L, L, 5, 1, 1, 1							5	L, 1, 1, 1, 1, 1
Wyoming	22			5	L, L, 4, 4, 3	15	L, L, 3, 3, 3, 3, 3, 2, 2, 2, 2, 2, 1, 1, 1, 1			2	L, 5
United States	490	183		57		427		20		73	

¹ "Equivalent certificate" good in schools for which originally issued and for time originally issued.
² Time not given.
³ In cases where certificates are issued for limited periods of time which may vary with individual cases they are classed as temporary (T).
⁴ Valid in "rural schools," "rural villages and towns," and "rural and towns up to 1,000 population."
⁵ One certificate good to teach in junior high schools.

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TABLE 6.—Certificates issued by county agencies that are valid throughout the county; distribution among the respective classes of schools, and duration of such certificates.

States.	Any school.		High school.		Elementary.		Primary and kindergarten.		Subjects named.	
	No.	Duration.	No.	Duration.	No.	Duration.	No.	Duration.	No.	Duration.
Arkansas.....	4	3 2, 1, 6 mos.							1	2.
California.....	8	1 6.....	1	T.....	2	6, T.....	2	6, T.....	2	6, T.
Colorado.....	3	1 3.....			2	2, 1, 1.....				
Delaware.....	1				1	T.....				
Georgia.....	9		3	3, 2, 1.....	3	3, 2, 1.....	3	3, 2, 1.....		
Idaho.....	3				3	5, 3, 1.....				
Illinois.....	7	1 3.....	1	3.....	3	3, 2, T.....	1	2.....	1	2.
Indiana.....	6				6	3, 3, 2, 2, 1, 1.....				
Kansas.....	3				3	3, 1, 2, 1.....				
Kentucky.....	2	2 4, 2.....								
Michigan.....	5	3 4, 3, 3.....					2	1, 1.....		
Mississippi.....	8	5 3, 2, 1, 1.....							3	3, 3, 1.
Missouri.....	5	5 3, 2, 2, 1, T.....								
Nebraska.....	2				2	3, 2.....				
New Jersey.....	5		1	2.....	1	T.....			3	T, T, T.
Ohio.....	8		1	3.....	5	3, 1, 1.....			2	4, 3.
Oklahoma.....	3	3 4, 2, 1.....								
Oregon.....	1	1 T.....								
Pennsylvania.....	2								2	3, 1.
South Carolina.....	4	4 2, 2, 2, 2.....								
Texas.....	1				1	6.....				
Washington.....	2				1	T.....			1	T.
Wisconsin.....	4	4 6, 3, 1, 1.....								
United States.	96	33		7		33		8		15

1 Valid in any other county upon application.
 2 May be validated in other counties in emergency for one year.
 3 Valid in any county when transferred by State superintendent.
 4 Indorsable by other county or district superintendents.
 5 Registration in any other county permitted.
 6 Valid in specific grade.

TABLE 7.—Kinds of certificates issued—By whom questions are prepared and examined.

States.	Kinds of certificates issued by—						Kinds of certificates for which questions are prepared by—				Kinds of certificates for which papers are examined by—			
	State board.	State supt. or State dept.	County board.	County super-intendent.	Local authorities.	State normal schools or universities.	State board.	State supt. or State dept.	County board.	County super-intendent.	State board.	State supt. or State dept.	County board.	County super-intendent.
Alabama.....	6						4				4			
Arizona.....	1						5				5			
Arkansas.....	4	4					1	6			1	3		3
California.....	4		4	4		3			1				1	3
Colorado.....	4			3	1	1	1	3			1			3
Connecticut.....	8				12		8	2			8			
Delaware.....		13		1								2		
Florida.....		14					6				6			
Georgia.....	5		9					9						9
Idaho.....	6			3			6				3	3		
Illinois.....		3		7			10				10			
Indiana.....	4	17		6		4	24				12	12		
Iowa.....	10	1					7				7			
Kansas.....	7		3				5				2		3	
Kentucky.....	4			2		5	5				5			
Louisiana.....	4						4				4			
Maine.....		9			1			4				4		
Maryland.....		11					4				4			
Massachusetts.....	5				1		1				1			
Michigan.....	6		5	1		1	1	4		1	2		3	1
Minnesota.....		9						5				5		
Mississippi.....	10		8				16				8		8	
Missouri.....	14	1		5		5		5		1		5		1
Montana.....							6				6			
Nebraska.....		7	2					4				4		
Nevada.....	10						3				3			
New Hampshire.....		10					3				3			
New Jersey.....	20			5	5		3				3			
New Mexico.....	7						4				4			
New York.....		10			5			9				9		
North Carolina.....	15						12				12			
North Dakota.....	9						4				4			
Ohio.....	3	3	6		6		2	6			2	3	3	3
Oklahoma.....	8		3			3		4				1	3	
Oregon.....		14		1			5				5			
Pennsylvania.....		3		2		3	1		2		1		2	
Rhode Island.....	12						3				3			
South Carolina.....	5	1	4				6				3		3	
South Dakota.....		10					7				7			
Tennessee.....		8					4				4			
Texas.....	2	10	1		2			5			4		1	
Utah.....	16						2				2			
Vermont.....	4													
Virginia.....	8							3				3		
Washington.....		3		2	2	7		3				3		
West Virginia.....		10						6				6		
Wisconsin.....		12		4			1	2		2	1			4
Wyoming.....		23						7				7		
Total.....	246	189	45	50	25	40	174	87	3	4	150	67	27	24

¹ Local authorities also prepare questions and examine papers.
² Same certificate issued by either county or city board. Listed here as two different certificates. Local authorities also examine papers for certificate which they issue.
³ The certificates are issued by the commissioner of education, who is also president of the State university.
⁴ One certificate issued by State or county board.
⁵ One certificate issued by certain high schools.

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TABLE 8.—Duration of certain certificates: A, issued by central agencies and valid throughout the State; B, issued by county agencies and valid in county only.¹

A. ISSUED BY CENTRAL AGENCIES AND VALID THROUGHOUT THE STATE.

States.	Life.	Duration in years.										Total.
		10	9	8	7	6	5	4	3	2	1	
Alabama.....	1					2		1		1		5
Arizona.....	1							4		1		6
Arkansas.....	1					4				1		6
California.....	4											4
Colorado ²	1							4				5
Connecticut ³												6
Delaware.....									11	2		13
Florida.....	4						5	2	1		1	13
Georgia.....										3		3
Idaho.....	2			2			4				1	6
Illinois.....								3				3
Indiana.....	6			1				2	6	5	5	26
Iowa.....							6		2	2	1	11
Kansas.....	4								5	1	2	12
Kentucky.....	2			1			1			1	1	6
Louisiana.....	2						2				1	4
Maine.....	4						1		1	3		6
Maryland.....									8	3		11
Massachusetts.....	2								1	2		5
Michigan.....	8							1	2			11
Minnesota.....	1						2			3	3	9
Mississippi.....	1								2		3	7
Missouri.....	4						1			2		7
Montana.....	5					4		1	1	1	1	13
Nebraska.....	1								8			9
Nevada.....	2						2	1	1	2		8
New Hampshire.....	5								1		3	9
New Jersey.....	9								1		11	21
New Mexico.....	1						2		1	1	2	7
New York.....	5						1		2	1	1	10
North Carolina.....	1								5	9		15
North Dakota.....	1						2		3	4		10
Ohio.....	2							4				6
Oklahoma.....	2						2			2	4	10
Oregon.....	4						5				4	13
Pennsylvania.....	4								1	1		6
Rhode Island.....	2						2		1	3	2	10
South Carolina.....		1					4					5
South Dakota.....	2						2		1	2		7
Tennessee.....							5			2	1	8
Texas.....	5					4		3				12
Utah.....	6						4			1	5	16
Vermont.....	1						1				1	3
Virginia.....		2				2	2			1		7
Washington.....	2						6			2		10
West Virginia.....	1						4		2		1	8
Wisconsin.....	4						1				7	12
Wyoming.....	5						1	2	6	5	3	22

¹ Certificates such as "valid at discretion of board," emergency, temporary, and those of indefinite term of validity are not included in the table.

² Colorado also issues an "honorary" life certificate for distinguished service.

³ Certificates indefinite in duration—generally one year.

⁴ Approximately in some cases.

⁵ Four to six years in some cases.

TABLE 8.—Duration of certain certificates: A, issued by central agencies and valid throughout the State; B, issued by county agencies and valid in county only—Continued.

B. ISSUED BY COUNTY AGENCIES AND VALID IN COUNTY ONLY.

States.	Life.	Duration in years.										Total.
		10	9	8	7	6	5	4	3	2	1	
Arkansas.....										2	1	3
California.....					4							4
Colorado.....								1			1	2
Georgia.....								3	3		3	9
Idaho.....						1		1			1	3
Illinois.....								3	3			6
Indiana.....								2	2		2	6
Kansas.....								1	1	1	1	3
Kentucky.....								1	1			2
Michigan.....								3	1		5	9
Missouri.....								1	2		1	4
Nebraska.....								1	1			2
New Jersey.....									1			1
Ohio.....								1	3		2	6
Oklahoma.....									1		1	3
Pennsylvania.....								1			1	2
South Carolina.....									4			4
Texas.....					1							1
Wisconsin.....					1				1		2	4

* Good for 1½ years.

TABLE 9.—Amount of professional study required for certificates based primarily upon graduation from college in certain States.¹

Amount.	States.
4 full courses.....	Texas.
4 semester hours.....	Idaho.
5 semester hours.....	Arizona.
6 semester hours.....	Rhode Island, West Virginia, North Carolina.
9 semester hours.....	Mississippi.
12 semester hours.....	Washington.
15 semester hours.....	Minnesota.
20 semester hours.....	Wyoming, West Virginia, Iowa.
21 semester hours.....	New Mexico.
30 semester hours.....	North Carolina.
200 recitation hours.....	Pennsylvania.
210 recitation hours.....	New Jersey.
One-half year graduate work with practical teaching of secondary grade.....	California.
12 units in pedagogy.....	Do
6 half-year courses.....	Tennessee.
1 year.....	Delaware, Maryland, Utah.
1 year of 5½ hours per week.....	Michigan.
2 "year" courses.....	North Dakota.
One-sixth of entire course.....	Colorado.
Three-twentieths of full course.....	Florida.
One-fourth of all work for 18 months.....	South Dakota.
15 per cent of full course.....	Virginia.
(a) 3 year-hours in 2 educational subjects, or (b) 30 hours in 1 subject in summer school, or (c) normal diploma.....	Massachusetts.
9 year-hours and thesis.....	Do.
* Prescribed courses approved by State authorities.....	Maine, Vermont, New York, Delaware, Georgia, Wisconsin, Montana.

¹ If a State appears more than once in the list, it issues more than one certificate based on college graduation, and the requirements for such certificates are not the same.

TABLE 10.—Certificates based upon graduation from standard colleges, including statement of additional requirements, and terms and conditions of renewal of such certificates.

States.	Professional course.						No professional course.						
	Amount of professional work.		Certificates valid in—		Years of experience required.	Years valid.	Terms and conditions of renewing higher certificates.	Certificates valid in—		Professional subjects examined in.	Years of experience required.	Years valid.	Terms and conditions of renewing higher certificates.
	Territory.	Schools.	Territory.	Schools.	Professional subjects examined in.	Professional subjects examined in.	Territory.	Schools.	Territory.	Schools.	Professional subjects examined in.	Professional subjects examined in.	Professional subjects examined in.
Alabama	Prescribed amount.	State	Prescribed	See column 10.	See column 10.	Fixed by State board of education. Renewable for 4 years, after 2 years' experience.	Renewable under prescribed conditions.	State	All.	Life.	6 years.	Renewable under prescribed conditions.	
Arizona	5 semester hours	do.	Any	None	4	Renewable for 4 years, after 2 years' experience.	Renewable under prescribed conditions.	do.	do.	Life.	6 years.	Renewable under prescribed conditions.	
Arkansas	1 year of graduate study.	County	High schs.	17 months or none	6	Renewable at option of county board; permanent after 5 years' experience.	Renewable under prescribed conditions.	State	All.	Life.	6 years.	Renewable under prescribed conditions.	
California	12 units	State	do	48 months (21 in Calif.)	8 months.	Renewable; permanent after 5 years' experience.	Renewable under prescribed conditions.	County	Elementary.	Life.	6	Renewable under prescribed conditions.	
Colorado	1/6 of entire course.	State	do	48 months (21 in Calif.)	24 months.	Renewable for 5 years, then for life.	Renewable under prescribed conditions.	State	Any	Life.	5	Renewable under prescribed conditions.	
	do	do	do	None	2	do	do	do	do	do	do	do	do

¹ Normal schools, colleges, and the State board of education issue credentials to graduates of normal schools and colleges who have taken courses prescribed by the State board on the basis of these credentials. County boards may issue temporary, elementary, kindergarten, and special certificates.

² Recommendation of county board under which applicant has taught.

State	Requirements	Duration	Grade	Location	Renewal	Expiry	Notes
Connecticut	1 year (graduate work)	3	Administrator	State	Renewable for 3-year periods	3	Renewable on one year attendance at summer school
Delaware	do	3	Spec. dis.	do	do	3	Do
	do	2	High schs.	do	do	3	
	Prescribed courses	1	Ele. and high	do	do	3	
Florida	do	None	High and advanced	do	do	3	
	do	3	Elementary	do	do	3	
Georgia	3/20 of full course	Not stated	Any	State	Life certificate, 24 months experience required and endorsement	5	Renewable for one year attendance at summer school
	Required courses	Varies	do	do	Renewable for 5-year periods when prescribed conditions are met.	3	
Idaho	4 semesters	2	Grades 7-12	do	do	21 months	At discretion of State board. Convertible into life.
	do	2	do	do	do	Life	Life certificate successful experience. Renewable indefinitely.
Illinois	do	2	High schs.	do	do	3	Renewable indefinitely.
	do	2	do	do	do	3	Renewable indefinitely.
Indiana	do	3	do	County	do	3	Renewable indefinitely.
	do	3	do	State	do	3	Renewable indefinitely.
Iowa	20 hours	None	Any	do	Life certificate, 5 years experience (3 during life/certificate)	5	Not renewable.
	do	5	do	do	do	5	Not renewable.
Kansas	do	None	Any	do	do	2	Renewable for life.
	do	2	do	do	do	2	Renewable for life.
Kentucky	Prescribed by university	None	Any	do	Extended for life after 3 years experience	5	May be validated for term of years not stated.
	do	5	do	do	do	5	May be validated for term of years not stated.
Louisiana	do	None	Elementary	State	do	5	Renewable for 5 years.
	do	5	do	do	do	5	Renewable for 5 years.

3 Prescribed reading course.
 4 Thesis also required, and one higher subject.
 5 And one higher subject.



TABLE 10.—Certificates based upon graduation from standard colleges, including statement of additional requirements, and terms and conditions of renewal of such certificates—(continued).

States.	Professional course.					No professional course.				
	Certificates valid in—		Professional subjects examined in	Years of experience required.	Terms and conditions of renewing higher certificates.	Certificates valid in—		Professional subjects examined in	Years of experience required.	Terms and conditions of renewing higher certificates.
	Territory.	Schools.				Territory.	Schools.			
Maine.....	State.....	Grades for which issued.	5	0.....	Permanent professional secondary certificate, 5 years' experience.	State.	Grades for which issued.			Permanent secondary certificate, 5 years' experience if professional study has been pursued during period of probationary certificate.
	(a) Course in pedagogy or (b) examination.									
	1 year (graduate).	Any.....	2	2.....	Renewable on evidence of successful experience and professional spirit.					
	1 year.....	Elementary	1	1.....	do.					
	200 hours.....	High and consent of State supt.	None	3.....	do.					
Maryland.....	State.....	High and consent of State supt.	3	3.....	do.					
	300 hours.....	Special subjects.	4	4.....	do.					
	1 year (graduate).	High schs.	2	2.....	do.					

	State	State-aided high sch.	0	2	"At discretion of the State board, permanent, 2 years' experience in Massachusetts and presentation of thesis."	State-aided high sch.	2	2	3	"At discretion of the State board, permanent, 2 years' experience in Massachusetts and presentation of thesis. Superintendent's permanent certificate, completion of semester's course in education and presentation of required thesis."
Massachusetts	do.	State-aided high schs.			"At discretion of the State board, permanent, 2 years' experience in Massachusetts and presentation of thesis."	State-aided high sch.	2	2	3	"At discretion of the State board, permanent, 2 years' experience in Massachusetts and presentation of thesis. Superintendent's permanent certificate, completion of semester's course in education and presentation of required thesis."
	do.					Supt.		7		
(e) 3 year-educational subjects and (1) 2 subjects of 1 1/2 hours each, or (2) practice-teaching or	do.	State-aided high schs.			"At discretion of the State board, permanent, 2 years' experience in Massachusetts and presentation of thesis."	State-aided high sch.				
(b) 30 hours in 1 subject in summer school or (c) normal school diploma.	do.	State-aided high schs.			"At discretion of the State board, permanent, 2 years' experience in Massachusetts and presentation of thesis."	State-aided high sch.				
(9) year-hours and thesis.	State	Supt.	3 and experience as supt.	3	Superintendent's permanent certificate, completion of semester's course in education and presentation of required thesis.	Supt.				
(1) year of 5 1/2 hours per week. Diploma for professional work from University of Michigan.	do.	Any	None	Life						
(1) year of 5 1/2 hours per week. 15 hours.	do.	do.	do.	do.	Not renewable.	do.				
	do.	do.	1 or none	2	Similar period; after 2 renewals usually matures into life cert. said.	do.				
Michigan	do.	do.	do.	do.	do.	do.				
Minnesota	do.	do.	do.	do.	do.	do.				

*If from University of Minnesota, no experience required; 1 year if from other colleges.



TABLE 10.—Certificates based upon graduation from standard colleges, including statement of additional requirements, and terms and conditions of renewal of such certificates—(Continued.)

States.	Professional course.				No professional course.				Terms and conditions of renewal or of granting higher certificates.
	Amount of professional work.	Certificates valid in— Territory. Schools.	Years of experience required.	Terms and conditions of renewal or of granting higher certificates.	Certificates valid in— Territory. Schools.	Years of experience required.	Years of experience required.	Terms and conditions of renewal or of granting higher certificates.	
Mississippi	0 hours. do	State do Any do	Not stated do	Renewable upon prescribed conditions.	State do Any do	12 months	Life	Life certificate, 40 months' experience and required examination.	
Missouri									
Montana					do do do High schs.	15 months 27 months None	Life do 3	Convertible in- to life after 24 months' experience and 1 year professional work. Not renewable. Must hold first grade certificate.	
Nebraska					do State do do State	3 do 45 or 60 months.	1 Life do	At discretion of State board. May be renewed or made permanent.	
Nevada					do do do do do	7 6 1 None	Life do	Renewable for 1 or 3 years.	
N. Hampshire									

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State	Branch specified	6 0	3	Permanent years' experience	State schs. (a) schs. (b) schs. (c) schs. (d) schs. (e) schs. (f) schs. (g) schs. (h) schs. (i) schs. (j) schs. (k) schs. (l) schs. (m) schs. (n) schs. (o) schs. (p) schs. (q) schs. (r) schs. (s) schs. (t) schs. (u) schs. (v) schs. (w) schs. (x) schs. (y) schs. (z)	3	Life	Renewable upon recommendation permanent 3 years' experience
New Jersey	(a) 210 hours and (b) examination. do.	3	Life	Permanent 3 years' experience	do.	"Adequate farm experience"	Life	Renewable upon recommendation permanent 3 years' experience
	As above and permanent secondary certificate.	2 5 (1 as supervisor)	Not given	Permanent 3 years' supervising experience	do.	State-aided schs. (teacher household art)	Life	
	do.	3 as supervisor	Life		do.	State-aided schs. (teacher household art)	Life	Do.
N. Mexico	21 hours	None	3 or 5	Permanent certificate, 45 months' experience	State	None	Life	Permanent, 3 years' experience
New York	Prescribed course. do.	3	Life	Renewed by incorsement, permanent certificate after 3 years' experience	State	3, 2 in New York	Life	Renewable for 1 year: life certificate upon examination with grade of 75 per cent.
	6 hours during one year.	0	3	Renewed by incorsement, permanent certificate after 3 years' experience	do.	None	2	
N. Carolina	do.	Not stated	3	Renewed by incorsement, permanent certificate after 3 years' experience	do.			
	Required courses: 30 hour semester 2-year courses	2, 3, or 5	2	Renewed for (a) reading circle work, (b) summer school attendance. do. do.	do.			
N. Dakota	do.	None	2	5-year certificate, 9 months' experience, life certificate, 5 years' experience	do.			

1 And 4 elementary subjects.

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TABLE 10.—Certificates based upon graduation from standard colleges, including statement of additional requirements, and terms and conditions of renewal of such certificates—Continued.

States.	Professional course.				No professional course.				
	Amount of professional work.	Certificates valid in— Territory. Schools.	Years of experience required.	Years valid.	Terms and conditions of renewal or of granting higher certificates.	Certificates valid in— Territory. Schools.	Years of experience required.	Years valid.	Terms and conditions of renewal or of granting higher certificates.
Ohio.....						High schs. do. sub- jects only High schs.	50 months None. Not stated.	Life. Life.	Renewable.
Oklahoma.....						do. do.	None.	1	Renewable for 5 years after 6 months' experience.
Oregon.....						do. do.	6 months 30 months	3 Life	Life, 30 months' experience.
Pennsylvania.....	200 hours.....	State. do.	3 None.	Life. 3.	Life, 3 years' experience. Renewed for 2 years, after 15 years' experience made permanent.				
R. Island.....	6 semester courses.	do. do.	do.	do.					
S. Carolina.....	1 of work for 18 months.	State. Any.....	72 months (36 in S. Dak.).	Life.	Issued for necessary probationary period for life certificate. Renewable indefinitely.	Supt.	5 years' experience as superintendent.	5.	Permanent, 10 years' experience as superintendent.
S. Dakota.....	do.	do.	None.	2.		County.	None.	Indefinite.	
Tennessee.....	6 half-year courses.	do. High schs.	Not stated.	5.					

State	Courses	Any	None	* Life or good behavior	Life	30 weeks (must show skill in teaching and control of pupils)	Life certificate if taught 170 weeks, attended professional school 7 weeks, and completed professional reading course. Renewable for 10 years on prescribed conditions.
Texas	4 courses	do	do	Life	Life		
Utah	36 semester hours	do	5	Life	Life		
	do	do	None	3	Life		
	1 year	High sch.	5	Life	Life		
	do	High sch. or any.	5	Life	Life		
Vermont	Prescribed pedagogical course	Any	"Some"	Life	State	30 weeks (must show skill in teaching and control of pupils)	
Virginia	15 per cent of full course	Any when indorsed by division supt.	Not stated	10	do	Not stated	Renewable for 10 years on prescribed conditions.
Washington	12 semester hours (Wash. State College)	Any	None	5	Life		
	12 semester hours (Univ. of Wash.)	do	do	5	Life		
W. Virginia	20 semester hours (5 in school supervision)	do	2	5	Life		
	do	do	None	5	do		
Wisconsin	20 semester hours	do	None	5	Life		
	Required course	do	2	Life	do		
	do	do	do	do	do		
Wyoming	20 hours	do	3	Life	Life		
	16 hours	Administrative	3	do	do		
	10 hours	High sch. Principal grades 1-10 and county supt.	1	3	do		

* Graduates from nonstandard colleges receive similar certificates upon prescribed examination in subjects to be taught.

* Separate certificates issued for administration and supervision.

TABLE 11.—Certificates to which graduates and students of various courses in State normal schools are eligible, together with terms and conditions of renewal of such certificates

States.	Based on 4-year high-school course and 2-year normal school course or less.				Based on 4-year high-school course and normal course longer than 2 years.			
	Years in— Normal school	Years in— High school	Certificates valid in— Territory. Schools.	Years' experience required.	Terms and conditions of renewal of granting higher certificates.	Years' experience required.	Certificates valid in— Territory. Schools.	Terms and conditions of renewal of granting higher certificates.
Alabama.....	2	4	State	Any	None	4	State	None
Arizona.....	2	4	do	do	do	6	do	do
Arkansas.....	2	4	County	Elementary, intermediate, kindergarten and primary	15 mos	6	do	do
California.....	2	4	do	do	1	6	do	do
Colorado.....	2	4	do	do	None	6 mos	do	do
Connecticut.....	2	4	do	do	do	6 mos	do	do
Delaware.....	2	4	State	Elementary	do	3	do	do
Florida.....	2	4	do	do	do	3	do	do
Georgia.....	2	4	do	do	do	3	do	do
Idaho.....	2	4	do	do	do	3	do	do

State	Grade	Subject	Term	Renewable	Requirements	Notes
Illinois	2	10 grades and high school when endorsed by supt.	1	Life	Renewable for life at expiration.	
	172	Ele. and 2 years of high school.	3 (2 in State)	4	Renewable for life at expiration.	
	172	Elementary subject.	4	4	do.	
	101	Ele. and 9th and 10th grades when endorsed by supt.	None	2	Renewable after meeting specified requirements.	
	2	7th-12th grades.	do.	3	Renewable for 2-year periods.	
	102	Any (as superintendent).	2	3	do.	
	102	Primary and kindergarten.	None	2	Renewable for 2 years.	
	102	Special subjects.	Some	2	do.	
	2	Elementary	None	4	do.	
	2	Special subjects	do.	4	do.	
Indiana	2	Elementary	do.	4	do.	
	2	Elementary	do.	3	do.	
	2	Any	None or 2	3	Life, 5 years' experience.	
	2	Ele. and 2 years high school.	None	Life	do.	
Iowa	2	Special subjects	do.	4	do.	
	2	Elementary	do.	3	do.	
	2	Any	None or 2	3	Life, 5 years' experience.	
	2	Ele. and 2 years high school.	None	Life	do.	
	2	Special subjects	do.	3	do.	
	2	Ele. or high schools.	do.	3	Life, 3 years' experience.	
	2	Special subject	do.	3	Renewable for 3 years.	
	2	Elementary	do.	3	Life, 3 years' experience of 1 year's normal attend.	
	1	Any	do.	3	Not renewable.	
	1	Any	do.	3	Not renewable.	
Kansas	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	
	2	Any	do.	3	Not renewable.	

1 In addition, applicant must have full half-year professional course at college or university.
 2 Applicant must have 2 years' additional work at college or university.
 3 Summer school course or 6 weeks' professional course.
 4 Course approved normal school curriculum equal to 11 high-school units.
 5 All candidates for high-school certificates must pass examination.
 6 In case applicant has not completed 4-year academic course, a 4-year normal course, a 4-year normal course, a 4-year normal school and 2-year normal.
 7 Must also pass examination.

Must be counter signed by state superintendent after 2 years' experience.

Life, 5 years' experience.

Life

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TABLE 11.—Certificates to which graduates and students of State normal schools are eligible, together with terms and conditions of renewal of such certificates—Continued.

States.	Based on 4-year high-school course and 2-year normal-school course or less.			Based on 4-year high-school course and normal course longer than 2 years.				
	Years in— Normal school.	Certificates valid in— Territory. Schools.	Years' experience required.	Terms and conditions of renewal or of granting higher certificates.	Years in— Normal school. High school.	Certificates valid in— Territory. Schools.	Years' experience required.	Terms and conditions of renewal or of granting higher certificates.
Kentucky.....	1	Elementary.....	None.....	Not stated.....	3	State.....	None.....	Life certificate, 3 years' experience.
Louisiana.....	2	Intermediate.....	do.....	Renewable for 5 years.....	4	Any.....	3.....	Life certificate, 3 years' experience.
Maine.....	2	Elementary.....	do.....	Renewable for 5 years.....	3	State.....	None.....	Life certificate, 3 years' experience.
Maryland.....	2	Specified grades.....	do.....	Permanent after 5 years' experience.....	4	Any.....	None.....	Life certificate, 3 years' experience.
Massachusetts.....	2	do.....	do.....	Renewable after successful experience.....	3	State.....	None.....	Life certificate, 3 years' experience.
Michigan.....	2	Elementary.....	4.....	Renewable as specified.....	4	Any.....	None.....	Life certificate, 3 years' experience.
Minnesota.....	2	do.....	3.....	do.....	3	State.....	None.....	Life certificate, 3 years' experience.
Mississippi.....	2	do.....	None.....	do.....	4	Any.....	None.....	Life certificate, 3 years' experience.
Missouri.....	2	Special subject.....	do.....	Life certificate, after meeting specified requirements.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	Superintendent.....	2 or 3.....	Renewable for period of 3 years.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	Rural schools.....	None.....	Renewable upon completion of required work.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	Any.....	do.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	9 grades.....	do.....	Renewable.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	Kindergarten.....	do.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	Subjects named.....	do.....	Renewable.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	and primary.....	do.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	Rural elementary.....	8 mos.....	Renewable.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	Elementary.....	2.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	Any.....	None.....	Renewable.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	Elementary.....	do.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	do.....	do.....	Renewable.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	High schools.....	do.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.
	2	Elementary.....	do.....	Renewable.....	3	State.....	None.....	Life certificate, 3 years' experience.
	2	High schools.....	do.....	Renewable.....	4	Any.....	None.....	Life certificate, 3 years' experience.

Montana	2	4	do	Any	27 mos	do	Renewable for 6 years on completion of 7 months' experience and reading circle work.								
	4	do	do	do	18 mos	do	Life, 24 months' experience and 1 year professional work.								
	2	4	Districts indicated.	High schools	None	6	Merges into life.								
Nebraska	2	4	Districts indicated.	Rural	do	3	Life, 1 year college or normal work and 24 months' experience.								
	(12)	4	Districts indicated.	Elementary	do	3									
	2	4	State	do	45 mos	Life		4	4	State	High schools	None	5	Life, 45 months' experience.	
Nevada	2	4	do	do	None	5	Life, 45 months' experience.								
	4	do	do	do	16 mos	3	Renewable.								
	1	4	do	do	None	2	Not renewable.								
	2	4	do	do	1 and 2	Life	Renewable for 1 or 3 years upon recommendation of superintendent.								
	(*)	4	do	do	None	1									
N. Hampshire	2	4	do	Junior high schools.	1	Life									
	(*)	4	do	Elementary	None	1	Renewable once for 2 years		4	4	State	Subjects specified.	None	3	Renewable for 2 years. Life, 3 years' experience
New Jersey	2	14	do	Agriculture	do	1	Renewable.								
	2	14	do	do	3	Life									
	2	4	do	Any	45 mos., (9 in State)	do			4	4	State	do	3	Life	
	2	4	do	do	21 mos., (9 in State)	5	Life, after 45 months' experience.								
New Mexico	2	4	do	High schools	None	3 or 5	May be extended for 2 years and made permanent, after 45 months' experience.								

1 In addition, applicant must have full half-year professional course at college or university.
 2 Applicant must have 2 years' additional work at college or university.
 3 Summer school course of 6 weeks' professional course.
 4 Must also pass examination, not designated.
 5 Must also pass examination or have 8 year, hours' credit for professional work and must submit thesis.
 6 Diploma from Mississippi State Normal College; 5 years above grammar school.
 7 12 hours' credit in university, college, or normal school.
 8 Must have attended summer school for 2 terms of 6 weeks each.
 9 Also 4 short courses in agricultural college.

TABLE 11.—Certificates to which graduates and students of various courses, in State normal schools are eligible, together with terms and conditions of renewal of such certificates—Continued.

States.	Based on 4-year high-school course and 2-year normal-school course or less.				Based on 4-year high-school course and normal course longer than 2 years.			
	Years in—		Certificates valid in—		Terms and conditions of renewal or of granting higher certificates.	Years' experience required.	Years' experience required.	Terms and conditions of renewal or of granting higher certificates.
	Normal school.	High school.	Territory.	Schools.				
New York.	(1)	4	District.	Elementary.	Renewable according to specified requirements.	None.	2.	
	1	4	do.	do.	do.	3.	10.	
	2	4	State.	do.	do.	None.	3.	
	2	4	do.	do.	do.	do.	Life.	
N. Carolina.	2	4	do.	do.	Renewable for reading circle work and summer school attendance.	do.	2.	
	(1)	4	do.	Home economics.	Renewable for reading circle work and summer school attendance.	do.	3.	
	(1)	4	do.	Elementary.	do.	do.	2.	
	(2)	4	State.	Elementary.	do.	None.	2.	
North Dakota.	(b) 1	4	do.	do.	(a) Life, 9 months' experience.	do.	2.	
	(c) 1	4	do.	do.	(b) Renewable for 5 years.	do.	2.	
	1 or 2	4	do.	do.	(c) Renewable for 5 years.	100 or 50 mos.	Life or 5.	
	2	4	do.	do.	do.	do.	Life.	
Ohio.	2	4	do.	do.	Renewable by State superintendent.	None.	4.	
	2	4	do.	Special subj.	Renewable by State superintendent. Life certificate, 24 months' experience.	do.	4.	
Oklahoma.	2	4	do.	Primary and kindergarten.	Renewable by Statesuperintendent at discretion of board of examiners.	do.	4.	
	1	4	County.	Elementary.	do.	do.	1.	
Oklahoma.	1	4	do.	do.	Not stated.	do.	1 or 3.	
	1	4	State.	Any.	Not renewable.	do.	Life.	

State	Number of certificates	Level of education	Duration	Experience	Renewal	Notes
Oregon	2	Elementary	30 mos.	Life	Life	
	2	High school	6 mos.	5	Life, 36 months' experience in Oregon.	
	2	do.	None	1	5-year certificate, 6 months in Oregon.	
Pennsylvania	2	Branches named	do.	2	Life, 2 years' experience.	
	2	do.	do.	5	May be valid until holder qualifies for life certificate. Life after 10 years' experience.	
Rhode Island	(1)	Elementary	None	Until next exam.	Not renewable	Renewable for 4 years, then 9. After 15 made permanent.
South Carolina	(1)	High school	do.	do.	do.	
South Dakota	2	Elementary	30 mos.	Life	do.	
	2	High school	18 mos.	5	Renewable	
Tennessee	2	Named subjects	None	5	do	
	2	Any	do	5	Renewable indefinitely	
Texas	1	Elementary	do.	6	Not stated	
	1	Kindergarten	do.	6	do	
	2	do.	do.	4	Permanent, 3 years' experience.	
Utah	3	Junior high schools	do.	1	do.	
	2	Elementary	3	Life	Extended for college work	
	2	do.	2	5	Extended for required college work.	
Vermont	1	do.	3	2	Not renewable	
	2	do.	30 weeks	2	do	
	2	Any	do.	2	Renewable twice	
	2	do.	do.	10	do	
	2	Elementary	do.	10	Renewable as specified	
Virginia	1	Elementary	do.	6	do	
	2	do.	do.	5	do	
	2	do.	7 mos.	5	do	
	2	do.	None	2	do	

* Summer school course or 6 weeks' professional course.
 * In case applicant has not completed 4-year academic course, a 4-year normal course is given which is credited as equal to that of 4-year high and 2-year normal.
 * Must also pass examination.
 * Must have 5 hours in summer school or 3 hours of professional work for one year.
 * Temporary elementary and high-school certificates are issued to persons having one and two years of college work above the high school.
 * Scholarship courses at Rhode Island Normal School.
 * Additional certificates issued for 4 and 6 years of completion of course in College of Industrial Arts and Texas State normal schools.
 * Texas State Normal.
 * 36 semester hours.
 * 18 semester hours.



TABLE 11.—Certificates to which graduates and students of various courses, in State normal schools are eligible, together with terms and conditions of renewal of such certificates—Continued.

States.	Based on 4-year high-school course and 2-year normal-school course or less.				Based on 4-year high-school course and normal course longer than 2 years.			
	Years in— Normal school	Years in— High school	Years' experience required.	Terms and conditions of renewal of higher certificates.	Years in— Normal school	Years in— High school	Years' experience required.	Terms and conditions of renewal of higher certificates.
Washington	4	4	5 mos. (27 in State).	Life.	4	4	None.	Life, 24 months' experience, or renewed for like period.
	2	4	None.	Renewable for like period or after 24 months' experience for life.	3	4	.do.	Do.
	1	4	9 mos.	Renewable twice for professional school attendance.				
	1	4	None.	Not stated.				
West Virginia	4	4	.do.	Temp'y.				
	2	4	.do.	Renewable as specified.				
	2	4	.do.	Renewable for 5 years.				
	2	4	.do.	Renewable for 1 year.				
Wisconsin	4	4	None.	Life.				
	2	4	.do.	Temp'y.				
	2	4	.do.	Renewable for 1 year.				
	2	4	.do.	Renewable for 1 year.				

	2	4	1	do	2	Life	3	4	State	7-12	2	4	1	
Wyoming	2	4	1	do	Spec. technical subjs.	2	Life	3	4	State	7-12	2	4	Indefinitely for 3-year periods.
	2	4	1	do	Elementary	3	do	3	4	do	Principal, 9-12 grades, supt. 1-10 grades; co. supt.	2	4	Do.
	2	4	1	do	Rural and elementary	3	do	3	4	do		2	4	
	(*)	4	1	do	Elementary	2	3	3	4	do		2	4	
	(*)	4	1	do	do	2	3	3	4	do		2	4	
	(*)	4	1	do	Rural and elementary	1	3	3	4	do		2	4	
	(*)	4	1	do	do	3	3	3	4	do		2	4	
	(*)	4	1	do	do	2	3	3	4	do		2	4	
	(*)	4	1	do	7-10 grades	1	3	3	4	do		2	4	
	2	4	1	do	Principal 1-10 grades	1	3	3	4	do		2	4	
	(*)	4	1	do	Elementary	None	2	2	4	do		2	4	
	(*)	4	1	do	Rural	do	f	f	4	do		2	4	

1 Applicant must have 2 years' additional work at college or university.
 2 Must also pass examination.
 3 The requirement is for 1 year and 12 semester hours (indicated as 1) years) and in addition an examination.
 4 Requires 9 weeks' professional training and examination.
 5 Must have 1 semester's professional training in higher institution.
 6 Same certificate is granted for college or university graduation.
 7 Normal training equivalent to 30 semester hours.
 8 Normal training equivalent to 15 semester hours.
 9 Normal training equivalent to 3 semester hours.

TABLE 12.—Certificates based upon graduation from secondary schools, together with terms and conditions of renewal of such certificates.

States.	Professional course.				No professional course.				Terms and conditions of renewal or of granting higher certificates.
	Amount of professional work.	Certificates valid in— Territory. Schools.	Examination subjects.	Years' experience required.	Terms and conditions of granting higher certificates.	Certificates valid in— Territory. Schools.	Examination subjects.	Years' experience required.	
Arkansas			Elementary.			State.	Elementary.	None or 12 months.	Based on compliance with regulations of State board.
Georgia	Prescribed	State.	Special subjects.	None.	Renewable.	County.	Elementary	3	According to specified requirements.
Idaho	6 weeks	County.	Elementary.	7 months.	Renewable. Issued only to holders of lower grade certificate.	County.	Elementary	3	Do.
Illinois	4-year normal training high school.	State.	Any.	None.	Renewable for 3 years according to requirements.	County.	Elementary	2	Do.
Iowa	Grad. from training course.	State.	Elementary.	None.	Renewable for 2-year periods.	State.	Elementary	4	Renewable. Permanent after 3 years if applicant normal or college for 1 year. Not renewable. Renewable after successful experience.
Kansas									
Maine	Normal course. Required.	State.	do. Grades specified.	do.	Not renewable. Issued to holders of certain certificates only.	County.	do. Grades specified.	7 months.	
Minnesota	Must have grade of 75 per cent in subjects of high sch. tr. dept.	State.	Rural.	None.	Renewable upon recommendation of county supt. after 12 months' experience and completion of required professional course.	State.		2.	

Teachers' training course.	County.	Any.	Converted into first-grade certificate after 32 weeks experience and one term of professional training.	County.	Any.	14	6	8 months.	3	Renewable indefinitely.
Missouri.....	State.	Ele. and rural.	2	State.	do.	4	2	12 months.	5 ¹	Renewable according to requirements.
Montana.....	State.	Elementary.	2	do.	do.	2	40 months.	Life ⁴		
Nebraska.....	do.	Rural.	2	do.	do.	2	12 months' experience and reading circle work.			
N. Hampshire	State.	Elementary.	3	State.	do.	1	Merged into professional State certificate good for life.			
New Jersey	do.	do.	0	do.	do.	1	Renewable.			
New York.....	State.	Elementary.	4	State.	Elementary	11	4	4	4	Life.
	do.	do.	2	State.	Any (subjects specified).	1	1	3	10.	Renewals for simple periods.
N. Dakota.....	State.	Elementary.	None.	State.	Elementary	3	After 9 months' experience renewable for 5 years.			
	do.	do.	8 months.	do.	do.	2	Renewable once.			
	All counties.	do.	None.	do.	do.	2	Renewable according to requirements.			
Ohio.....	County	Highschools	6	County	Highschools	1 or 3	Not renewable.			
	Special sub-	jects.	1	do.	do.	1	Not renewable.			
Oklahoma.	State.	Any.	do.	State.	Any	1	Not renewable after 6 months' experience.			
Oregon.....	State.	do.	do.	State.	do.	1	Not renewable.			
	County	Subjects named.	None.	County	Subjects named.	1	Renewable.			
S. Dakota.....	County	Elementary	3	County	Elementary	3	Not renewable.			

¹ All county certificates require high-school graduation unless teacher has a required amount of experience.
² Examination or experience required.
³ After January 1, 1919, applicant will be required to furnish evidence of completion of one year of college work.
⁴ After January 1, 1919, applicant will be required to furnish evidence of completion of two years of college work.
⁵ After January 1, 1919, applicant will be required to furnish evidence of completion of two years of college work.
⁶ Must hold training-class certificate and regular academic diploma or have three years' experience in addition to high-school graduation.
⁷ After January 1, 1920.
⁸ After September 1, 1920, a minimum of 12 weeks of professional training will be required.
⁹ Period specified.

TABLE 12.—(Certificates based upon graduation from secondary schools, together with terms and conditions of renewal of such certificates—Continued.)

States.	Professional courses.				No professional course.				
	Amount of professional work.	Certificates valid in— Territory. Schools.	Examination subjects. Elementary. Higher. Professional.	Years' experience required.	Terms and conditions of renewal or granting higher certificates.	Certificates valid in— Territory. Schools.	Examination subjects. Elementary. Higher. Professional.	Years' experience required.	Terms and conditions of renewal or granting higher certificates.
Tennessee	4-year normal high-school course.	State. Elementary.	Elementary.	None	Renewable indefinitely. ¹⁰	County. Elementary	Elementary	7 months.	5. According to specified requirements.
Utah		State. Elementary.	Elementary.	None	Renewable indefinitely. ¹⁰	State. Elementary	Elementary	(11) 2 years in Utah.	2. Do.
Vermont	Required	State. Any.	Any.	None	Renewable twice.				
Virginia	4-year normal high school.	State. Elementary.	Elementary	7 months	Renewable for 5 years.				
Wisconsin	Teachers' training course.	County. Any.	Any.	8 months	According to specified requirements.				
Wyoming	1 year.	State. Rural.	Rural.	None	Renewable twice for 2-year periods.	State. Special subjects.	Special subjects.	(12) 2.	5. Renewable for 3-year periods.

¹⁰ Also included in table based on normal-school graduation.

¹¹ Examination given but subject not stated.

TABLE 13. —Scholarship and experience requirements for supervisors' certificates.

States.	Duration of certificate in years.	Scholarship.				Years of experience.	Conditions and terms of renewal.
		Years of study.	Years in college.	Years in normal school.	Years in high school.		
Connecticut.....	Indefinite.....					2.	Renewable. Must also present paper on certain assigned subjects. May also be granted without examination to persons who have supervised not less than 6 seasons for 3 consecutive years. Renewable. Renewable for 3-year periods. Renewable for 3-year periods. In lieu of college graduation may have 2 years of college and 2 of normal training. Renewable for 3-year periods. Do. Do. Must have one-half year's work in college or university in professional work connected with elementary subjects. Must pass required examination. Validity determined by grade obtained. Renewable on 3 years' experience. Must present thesis. Renewable at expiration for life. Must also have 2 years' work in higher institution, one year of which shall be professional. Renewable for 3-year periods. Renewable in lieu of college graduation may have 2 years of college and 2 of normal training. Renewable. Renewable. Also issued on examination. Renewable. Must hold preliminary superintendent's certificate, have completed a semester's course in educational theory, and present thesis on specified topic. Must have completed college or normal course. Must have normal diploma or B. A. degree or have completed 2-year hours of specified professional subjects and must submit thesis. Issued to holders of professional high-school city-State certificates. Not renewable. Permanent, 1 year's experience.
	3.....	1 4	4	4	3.		
	3.....	1 4	4	4	3.		
Delaware.....	3.....	1 4	4	4	3.	3.	
	3.....	1 4	4	4	3.	3.	
	3 1.....	1 4	4	4	3.	3.	
Georgia.....	3, 2, or 1.....					None.	
	4.....	2	4	4	4	3.	
	3.....	1 4	4	4	3.	2.	
Illinois.....	3.....	1 4	4	4	4	2.	
	3.....	1 4	4	4	4	2.	
	3 1.....	1 4	4	4	4	2.	
Maryland.....	3.....	1 4	4	4	4	2.	
	3 1.....	1 4	4	4	4	2.	
	3 1.....	1 4	4	4	4	2.	
Massachusetts.....	Life.....					3 continuous years subsequent to securing preliminary certificate.	
	3.....	1 4	4	4	4	7	
	3.....	1 4	4	4	4	7	
Nebraska.....	3.....	1 4	4	4	4	1.	
	3.....	1 4	4	4	4	3 years as superintendent.	
	3.....	1 4	4	4	4	5.	
New Hampshire.....	Life.....					Renewed or made permanent.	
	3.....	1 4	4	4	4	7	
	3.....	1 4	4	4	4	7	



TABLE 13.—Scholarship and experience requirements for supervisors' certificates—Continued.

State.	Duration of certificate in years.	Scholarship.						Examination subjects.	Years of experience.	Conditions and terms of renewal.
		Years of graduate study.	Years in college.	Years in normal school.	Traditional.	New elementary.	Higher.				Professional.
New Jersey.....	Life. Not given.....	.....	.....	.....	.....	.....	.....	2 as supervisor. 5, 1 as supervisor.....	Must hold limited certificate. Must be 25 years of age, hold permanent elementary or secondary certificate, and present testimonials of ability. To holders of permanent special subject certificate. Made permanent after 3 years' issued for elementary, grammar, or primary supervisor. Renewable. May be issued on graduation from a approved school or upon examination. Supervisor of any school. Must have required courses. Also issued on prescribed examination. May also be issued on prescribed examination. Do.
North Carolina.....	2.....	4	4	4	10	1	1	Adequate.....	Renewable. May also be issued on prescribed examination. Do.	
Rhode Island.....	3.....	4	4	4	4	4	4	None.....	Issued for 5 years or until holder qualifies for life certificate. Evidence of character and education satisfactory to State board of education. Same. Issued for 6 years or until holder qualifies for life certificate. Satisfactory evidence of scholastic and professional qualifications. Not renewable. Do.	
Utah.....	2.....	4	4	4	4	4	4	5 as superintendent. 10 as superintendent. 5 as superintendent. 5 as superintendent. Not in administration.....	Renewable. May also be issued on prescribed examination. Do.	
West Virginia.....	Life.....	4	4	4	4	4	4	5 as superintendent. 5 as superintendent. Not in administration.....	Renewable. May also be issued on prescribed examination. Do.	
Wyoming.....	3.....	4	4	4	4	4	4	2.....	Renewable for 2-year periods. Obtained by examination of proper school diplomas. Course must include required professional training. Same. Renewable for 2 year periods. Do.	

1 Principal's certificate.

TABLE 11.—Scholarship and experience requirements for special certificates.

States.	Duration of certificate, in years.	Scholarship.				Years of experience.	Additional information.
		Years of special training.	Years in college.	Years in normal school.	Years in high school.		
Alabama ¹	4				3	0	Renewable. Must have satisfactory credentials or pass specified examination.
Arizona	2					0	Examination in subject applicant desires to teach. Not renewable.
Arkansas	6	2			4	1	Credentials must be approved by State board of education. Permanent after 5 years' experience.
California							
Colorado ¹	3					3 or more	Renewable for 3-year periods. Must have specialized in branch to be taught and in the art of teaching same. Satisfactory examination in special branch applicant is to teach or graduation from normal school, college, or university. Renewable.
Connecticut	5	4				0	Must have special training in subject for which certificate is issued. Renewable.
Delaware	3						Renewable for 2-year periods. In lieu of special training, certificate may be obtained by examination.
Florida	3						Life, 2 year's experience.
Georgia	3						In lieu of training, may take examination. Life certificate, 6 years' experience.
Idaho	3	2			4	0	Renewable. Must pass examination. Life, 5 years' experience.
Illinois	2	2			4	0	Renewable for 2-year periods.
	1	2			4	0	On completion of prescribed course in State normal schools.
Indiana	3	3					Certificate issued through examination upon special subjects if applicant has earned 36 college hour credits. Renewable for life after 3 years' experience. Issued to persons completing satisfactory course in subject for which certificate is desired.
Iowa	2	2					Renewable for 3-year periods. Must have specialized in branch to be taught and in the art of teaching same. College course must include specified subjects. Renewable.
Kansas	3	2			4	0	Must have satisfactory qualifications. Renewable.
Kentucky ¹	1						Life. Must graduate from regular course in subject for which issued.
Louisiana	2	4	2				
Maine	2						
Maryland	3						
Massachusetts	3	4			4	4	
Michigan	3	2			4	0	
Minnesota	2	2					
Mississippi ⁴	1						

¹ Certificates given under provisions prescribed by State board.

² Issues no special certificate.

³ No regular certificate. Teachers satisfy local boards of ability to teach special subjects.

⁴ The State board of examiners, on approval of State superintendent of education, is hereby authorized to provide examinations and make regulations for licensing teachers of music, manual training, domestic science, and of such other special subjects as may be deemed necessary.

TABLE 14.—Scholarship and experience requirements for special certificates—Continued.

States.	Duration of certificate, in years.	Scholarship.				Years of experience.	Additional information.
		Years of special training.	Years in college.	Years in normal school.	Years in high school.		
Missouri.....	Life.....					40 months	<p>Must have held 5-year certificate and completed 2 terms of summer school attendance. Must present satisfactory diploma from professional school or pass examination. Renewable. Renewal. Must present satisfactory evidence of proficiency. One year's experience may be averaged in lieu of year's training. May be converted into life certificate upon presentation of satisfactory evidence. Not subject to expiration.</p> <p>Persistence not stated. Issued at discretion of board.</p> <p>Must pass examination in subjects to be taught; must be high-school graduate, may be made permanent. Renewable for 2 years. Permanent, 3 years.</p> <p>Renewable. Qualifications must be satisfactory to State board.</p> <p>Renewable for 5-year periods after 2 years' experience. Must pass examination in some special subjects. Renewable.</p> <p>Must have 6 hours of professional training. Renewable.</p> <p>Prescribed examinations.</p> <p>Renewable for life after 24 months' experience.</p> <p>Renewable. Applicant must meet required standards.</p> <p>Persistence not stated. Must show evidence of ability satisfactory to State supt.</p> <p>Graduation from an approved school, completion of subjects, and other conditions as prescribed by State supt.</p> <p>Applicant must present proof of special proficiency and ability to teach. Issued on evidence of fitness by examination or otherwise. Renewable. Must have specified professional training or pass examination.</p> <p>Must have satisfactory evidence of fitness to teach subject for which certificate is issued. Renewable on recommendation of supt. or 5 semester hours of college work.</p> <p>Special probationary certificate. Persistence not stated.</p> <p>Must, in addition to experience, have attended summer school for 4 weeks and furnish recommendation from supt. Persistence not stated. (Special qualification certificate.)</p> <p>Issued to applicants who show adequate preparation in branches to be taught. Renewable for 6 years. Must show evidence of fitness to teach by examination in subjects as required, or have required courses. Renewable for 5-year periods. Must pass examination in subjects as required, or have required courses. Renewable for 5-year periods. Must graduate from regular course in subject for which issued.</p> <p>Renewable for 5-year periods. Must be graduate of normal school or college.</p>
Montana.....	3.....					12 months	
Nebraska.....	3.....					0.....	
Nevada.....	2.....					0.....	
New Jersey.....	1.....					Satisfactory	
New Mexico.....	1.....					4.....	
New York.....	3.....					4.....	
North Carolina.....	2.....					4.....	
North Dakota.....	3.....					4.....	
Ohio.....	Prescribed.....					0.....	
Oklahoma.....	4.....					0.....	
Oregon.....	Life.....					0.....	
Pennsylvania.....	Not stated and life.....					0.....	
Rhode Island.....	2 and life.....					Satisfactory	
South Carolina.....	Not specified.....					0.....	
South Dakota.....	5.....					0.....	
Tennessee.....	1.....					0.....	
Texas.....	1.....					0.....	
Utah.....	1.....					0.....	
Vermont.....	3.....					0.....	
Virginia.....	6.....					30 weeks	
Washington.....	5.....					0.....	
West Virginia.....	5.....					0.....	
Wisconsin.....	1.....					0.....	
Wyoming.....	5.....					2.....	
Wyoming.....	5.....					4.....	

* Also have special industrial certificate. Applicant must show he has a ability to do work of his trade. * As long as holder continues to teach in city or county where issued.



TABLE 15.—Scholarship and experience requirements for primary and kindergarten certificates.

[P. denotes primary certificate; S., special; K., kindergarten.]

States.	Duration of certificate.	Years of special training.	Years in college.	Years in normal school.	Years in high school.	Examination subjects.			Years of experience.	Conditions and terms of renewal. Additional information.
						Traditional.	New elementary.	Higher.		
Arizona (P.).....	4								0	Must be graduate from approved school giving special preparation for primary work. Renewable for 4 years.
(S. and K.).....	4								0	Must pass examination or have satisfactory credentials. Renewable for 4 years.
California (K. and P.).....	Life								48 months.	To holder of valid certificate upon presentation of proper recommendations. Renewable upon evidence of successful teaching.
(S. and K.).....	4								0	And 5 years' experience may be made permanent.
Connecticut (K.).....	3		2		4	9	2		2	0
Delaware (K. and P.).....	3		2		4	6	4		1	0
Florida (P. and K.).....	4		1		4	6	4		1	0
(P.).....	Life								32 months.	Renewable on one year's attendance at summer school.
Georgia (S. and K.).....	3				4				3	0
Idaho (S., K., and P.).....	4				4				1	0
Illinois (K. and P.).....	2				4				1	0
Indiana (P.).....	3, 2, and 1					3			3	0
(S. and K.).....	3								3	0
Iowa (P.).....	3, 2, and 1						4		5	2
Kansas (S. and K.).....	3				4				0	0
Mass (S. and K.).....	2								0	0
Michigan (K. and P.).....	Life								0	0
Minnesota (S. and K.).....	1								0	0
Missouri.....	5				4				6	12 months.
Montana (S., P., and K.).....	3								0	0
Nevada (S. and K.).....	2								0	0

Must be graduate from approved school giving special preparation for primary work. Renewable for 4 years.
 Must pass examination or have satisfactory credentials. Renewable for 4 years.
 To holder of valid certificate upon presentation of proper recommendations. Renewable upon evidence of successful teaching.
 And 5 years' experience may be made permanent.
 Renewable for 1-year period.
 Renewable on one year's attendance at summer school.
 Must have special training in kindergarten and in science and art of teaching.
 Renewable.
 Must be graduate of training school or in lieu of this graduation must pass examination. Renewable for 2 years.
 Provision made for exemption after 6 years' experience.
 10.
 Must present theme on assigned subject and must hold a second-grade uniform certificate or certificate of higher grade. Renewable for life after 5 years' experience.
 Renewable.
 Issued to persons who have satisfactorily completed an approved course in subject for which certificate is desired. Renewable for life after 5 years' experience.
 Must also have (1) a teacher's certificate in force, (2) a college diploma or (3) a 4-year high-school diploma.
 Must hold diploma from accredited school preparing teachers for special subjects. Renewable. Life, after two renewals.
 Renewable in attendance at summer school or meeting their requirements.
 Issued to any teacher presenting satisfactory evidence of proficiency in teaching subject for which certificate is desired. Renewable.
 Issued at discretion of State board to applicants who are qualified to teach subject. Persistence not stated.

TABLE 15.—Scholarship and experience requirements for primary and kindergarten certificates—Continued.

State.	Duration of certificate.	Years of special training.	Years in college.	Years in normal school.	Years in high school.	Examination subjects.				Years of experience.	Conditions and terms of renewal. Additional information.
						Traditional.	New elementary.	Higher.	Professional.		
New Jersey (S. and K.)	1.			4					0	0	Must pass examination in kindergarten subjects. Renewable for 2 years. After 3 years' experience for life.
New York (S. and K.)	3.	2		4					0	0	Renewable for 5-year periods after 2 years' experience. Examination also given.
North Carolina (K.)	2.	2		4					0	0	Must have 6 hours in education of which 3 hours must be in methods of teaching. Renewable. In lieu of training may take examination or show satisfactory experience.
North Dakota (P., K., and P.)	2.	2		4					None or 3.	0	Do.
Ohio (K., S., and P.)	4.	2		4					0	0	Validity prescribed by State board. Each applicant considered on individual merits. Renewable.
Oregon (P.)	5.	2		4	3				0	12 months	Renewable. May be made life certificate after 24 months' experience. Must also present thesis on specified subject. Renewable for 36 weeks' attendance at an institution of higher learning or upon 32 months' successful graduation from an approved school under such conditions as may be imposed.
Pennsylvania (S. and K.)	Term of years and of life.								0	0	Issued on evidence of fitness, by examination or otherwise.
South Carolina (K.)	Not stated.								Not stated	0	Renewable.
South Dakota (P. and K.)	5.				8	1			2	0	Renewable on year's attendance at summer school, obtained on graduation from college, university, or normal.
Texas (P. and K.)	4.								0	0	If holder of first-grade certificate, examination given only in subjects not examined in for such certificate. If holder of second-grade certificate, examination only in required additional subjects.
(P. in State)	Life.								0	0	Must hold temporary State certificate.
(K. in State)	do.								3 in State.	0	Requirements as for permanent State certificate.
(K. in State)	4.								0	0	Renewable for 3-year periods. Completion of approved courses of examination, which varies according to subjects for which issued.
(P. in State)	Life.	2		4					0	0	Renewable for 1 year.
West Virginia (P., S., and K.)	5.								None or 2.	0	Renewed indefinitely for 3-year periods. Must pass examination.
Wisconsin (K. and P.)	1.								0	0	
Wyoming (S., P., and K.)	5.			2					2	0	

TABLE 16.—Subjects in which examination is required for first-grade county certificates, not including the traditional elementary subjects.

[The cross (X) indicates that examination is given in the subject; X² indicates that examination is given in two phases of the subject; O indicates that the subject is optional, and its exponent indicates the number of subjects to be chosen from the optional group.]

States.	Higher (secondary) subjects.											New elementary subjects.							Professional subjects.							(Special subject.)				
	English.	General science.	Algebra.	Physics.	Civil Govern- ment.	Literature.	Geometry.	Physical Geography.	History (not U. S.).	Botany.	Biology.	Zoology.	Chemistry.	Drawing.	Music.	Agriculture.	Manual training.	Domestic science.	Principles of teaching.	Theory and practice.	Methods.	School law.	Teachery.	Theory and art.	Psychology.		School man- agement.	Didactics.	School Hygiene.	
Arkansas.....	X		X	X		X	X	X		X				X		X				X	X									X
California.....	X		X	X		X	X	X		X				X		X				X	X									X
Colorado.....	X		X	X		X	X	X		X				X		X				X	X									X
Georgia.....	X		X	X		X	X	X		X				X		X				X	X									X
Illinois.....	X		X	X		X	X	X		X				X		X				X	X									X
Indiana.....	X		X	X		X	X	X		X				X		X				X	X									X
Iowa.....	X		X	X		X	X	X		X				X		X				X	X									X
Kansas.....	X		X	X		X	X	X		X				X		X				X	X									X
Kentucky.....	X		X	X		X	X	X		X				X		X				X	X									X
Michigan.....	X		X	X		X	X	X		X				X		X				X	X									X
Mississippi.....	X		X	X		X	X	X		X				X		X				X	X									X
Missouri.....	X		X	X		X	X	X		X				X		X				X	X									X
Nebraska.....	X		X	X		X	X	X		X				X		X				X	X									X
Ohio.....	X		X	X		X	X	X		X				X		X				X	X									X
Oklahoma.....	X		X	X		X	X	X		X				X		X				X	X									X
Pennsylvania.....	X		X	X		X	X	X		X				X		X				X	X									X
South Carolina.....	X		X	X		X	X	X		X				X		X				X	X									X
South Dakota.....	X		X	X		X	X	X		X				X		X				X	X									X
Wisconsin.....	X		X	X		X	X	X		X				X		X				X	X									X

¹ Manual of elementary course of study for Idaho.
² Agriculture, domestic science, industrial arts, music, and drawing are optional subjects in Indiana.
³ State course of study.
⁴ Examination in "all" the common branches, including agriculture and practical test in teaching."
⁵ Manual of Wisconsin elementary school course.

TABLE 17.—Scholarship and experience requirements for highest certificates based upon examination.

States.	Certificates.	Duration of certificate.	Examination subjects.			Years of experience required.	Supplementary information.
			Traditional elementary.	New elementary.	Higher Professional.		
Alabama.....	Life.....	Life.....	10	1	4	5	Must show high degree of efficiency and professional attainment and submit written history of teaching experience.
Arizona.....	Life.....	Life.....	.....	.....	7	3	Must hold first-grade certificate, which is issued on examination.
Arkansas.....	State diploma.....	Life.....	10	8	2	2	Must hold professional license or take equivalent examination.
California.....	First-grade county.....	3 years.....	8	2	2	2	Holder of valid county certificate for one year.
Colorado.....	Elementary.....	1 year.....	9	2	2	0	Renewable at option of local superintendent. If to teach in high school, additional examination is given.
Connecticut.....	Elementary—sec- ond grade.....	2 years.....	10	4	1	1	May be renewed upon evidence of successful experience.
Delaware.....	State diploma.....	5 years.....	13	1	9	1	Must be high-school graduate, have had 6 weeks' professional preparation and be 20 years of age. Renewable upon 6 weeks' additional professional preparation.
Florida.....	General elemen- tary—Grade 1.....	3 years.....	7	.....	6	1	Must have grade of 90 per cent. Renewable.
Georgia.....	State-life.....	Life.....	.....	.....	6	1	Must pass such examination as the board may direct.
Idaho.....	First-grade.....	3 years.....	.....	.....	8	.....	Applicant must hold professional license.
Illinois.....	Life license.....	5 years.....	3	2	10	5	Renewable for life.
Indiana.....	First-grade State, upon examina- tion.....	3 years.....	.....	.....	.....	.....	Prescribed examination. Renewable for life.
Iowa.....	Three-year certifi- cate, teacher's diploma.....	Life.....	7	.....	6	3	Must have average of 90 per cent and be 24 years of age.
Kansas.....	Permanent pro- fessional ele- mentary.....	5 years.....	8	1	2	0	Renewable for 5 years.
Kentucky.....	Elementary school teacher's certifi- cate of the first grade.....	3 years.....	.....	.....	.....	.....	Must hold probationary professional elementary certificate, and have pursued some pro- fessional study during its validity.
Louisiana.....	Life.....	3 years.....	.....	.....	.....	.....	Graduation from 4-year high school or equivalent and 2-year normal, or issued on examina- tion to person showing equivalent training.
Maine.....	Local certificates.....	(1) Life.....	.....	.....	.....	.....	Examination by local board. Such qualifications as board may require.
Maryland.....	First-grade.....	5 years.....	7	12	12	1	Must have one year of professional training.
Massachusetts.....	Teacher's profes- sional.....	Life.....	11	4	8	1	
Michigan.....	Life.....	Life.....	.....	.....	.....	.....
Minnesota.....	Life.....	Life.....	.....	.....	.....	.....
Mississippi.....	Life.....	Life.....	.....	.....	.....	.....

State	Class	Term	Age	Exp.	Req.	Renew.	Notes
Missouri	Life	Life	20	6	5	10 months	Must have completed 4-year high school and hold 5-year State certificate and pass examination (according to subject to be taught). Must pass additional examinations as prescribed. If applicant holds an unexpired certificate obtained by examination, he shall be exempt from part of examination. Must hold first-grade county certificate and obtain average of 80 per cent in examination. Renewable.
Montana	Life	Life	20	6	5	70 months	
Nebraska	Professional State	Life	20	9	1	2	
Nevada	Elementary first grade	3 years	13	2	2	10 months	
New Hampshire	Elementary teacher's	Life	20	4	4	4 in State	
New Jersey	Perm. State etc.	Life	20	2	3	3	(1)
New Mexico	Elementary State first grade	1 year	10	1	6	2	Renewable for 3-year periods if requirements are met.
New York	State	3 years	7	1	9	7 months	
North Carolina	Elementary teacher's	2 years	10	1	1	3	Renewable for (a) reading circle work, (b) summer school attendance.
North Dakota	First-grade elementary	3 years	8	2	4	8 months	Renewable once.
Ohio	State elementary	Life	20	2	1	50 months	Prerequisite for examination in high-school graduation and 1 year of college or normal, including 15 semester hours of professional work. Renewable after required amount of institute and summer school attendance.
Oklahoma	First-grade county State-life	4 years	11	3	4	12 months	
Oregon	Life	Life	10	10	4	60 months, 15 in State	
Pennsylvania	Permanent State	Life	9	2	7	2	2 years on prev. State and 2 on normal and 2 on professional
Rhode Island	First grade	3 years	0	0	0	0	Renewable for 2 periods of 6 years each; permanent after 15 years' experience; examination prescribed by State board.
South Carolina	Professional	5 years	12	10	2	40 months	Issued on examination; renewable.
South Dakota	Life	Life	12	10	2	40 months	After Sept., 1921, applicant must have had 24 weeks of professional training.
Tennessee	First-grade elementary	5 years	9	1	0	0	Renewable.
Texas	Permanent State	Life	(a) 9	1	13	3	(a)
Utah	Second class	2 years	(b) 8	0	0	0	(b)
Virginia	First grade	5 years	6	2	6	2	(c)
Washington	Second-grade elementary	2 years	8	1	0	0	(a)
West Virginia	First grade	5 years	9	1	0	0	(b)
Wisconsin	First-grade county	5 years	9	2	5	4	(c)
Wyoming	Elementary, city, class A, based on examination	3 years	1	2	1	2	(1)

(1) Discretion of local committee.
 * Must have had 3 years' experience on limited elementary certificate which requires that applicant must be high-school graduate or its equivalent, not have attended two sessions of summer school, and passed examination in 10 elementary, 2 new elementary subjects, and 1 professional.
 † Renewable once upon successful experience and recommendation of county superintendent. Second renewal upon recommendation of county superintendent and reading of required book. After second renewal, renewable for life.



TABLE 18.—Subjects in which examination is required for the lowest grade certificate other than temporary.

States.	Number of common school subjects.	Higher and secondary subjects.							New elementary subjects.							Professional subjects.														
		Algebra.	Physica.	Literature.	Civil govern-ment.	Natural science.	History, not U. S.	Bookkeeping.	Geometry.	English classes.	Drawing.	Musik.	Nature study.	Agriculture.	Manual training.	Home economics.	Physical educa-tion.	Current events.	Rural economics.	Theory and prac-tice.	Methods.	School law.	Pedagogy.	Science of edu-cation.	Theory and art of teaching.	School manage-ment.	Didactics.	Course of study.	Reading circle.	Cataloguing and use of libraries.
Alabama.....	10																													
Arizona.....	10																													
Arkansas.....	10																													
California.....	5																													
Colorado.....	2																													
Connecticut.....	1																													
Delaware.....	1																													
Florida.....	1																													
Georgia.....	1																													
Idaho.....	10																													
Illinois.....	1																													
Indiana.....	1																													
Iowa.....	1																													
Kansas.....	1																													
Kentucky.....	1																													
Louisiana.....	1																													
Maine.....	1																													
Maryland.....	1																													
Massachusetts.....	1																													
Michigan.....	1																													
Minnesota.....	1																													
Mississippi.....	1																													
Missouri.....	1																													
Montana.....	1																													
Nebraska.....	1																													
Nevada.....	1																													
New Hampshire.....	1																													
New Jersey.....	1																													
New Mexico.....	1																													
New York.....	1																													

State	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
North Carolina																															
North Dakota																															
Ohio																															
Oklahoma																															
Oregon																															
Pennsylvania																															
Rhode Island																															
South Carolina																															
South Dakota																															
Tennessee																															
Texas																															
Texas																															
Vermont																															
Virginia																															
Washington																															
West Virginia																															
Wisconsin																															
Wyoming																															

1 High-school graduation prerequisite.
 2 Professional training prerequisite.
 3 High-school graduation and additional professional preparation prerequisite.
 4 Science and art of teaching.

5 Subjects not enumerated, examination at discretion of local committee.
 6 Two years' high school and some professional training prerequisite.
 7 See state outline.
 8 Any one of first six here named.



TABLE 19.—*Suspension and revocation of certificates.*

Names of kinds of certificates.	Officer empowered to suspend or revoke.	Grounds upon which suspension or revocation may be made.	Process.
Alabama: Any certificate.....	Superintendent of education.....	Immoral conduct or unbecoming or indecent behavior.	
Arizona: Any certificate.....	State board of education.....	Unprofessional conduct or evident unfitness to teach.	
Arkansas: Any certificate.....	County examiners.....	Immoral character or evident unfitness for teaching.	30 days' notice must be given and a fair hearing to the teacher and the board of directors of the school district in which the teacher is employed.
California: Any certificate.....	State board of education or county boards of education.	Unprofessional conduct, unfitness to teach, or persistent defiance of the laws regulating the duties of teachers.	A hearing before the board and, in case of the county board of education, there must be an affirmative vote of at least 4 of the 5 members of the board. The charges must be presented to the board in writing and accused must have a fair and impartial hearing and 10 days' notice of date of trial.
Colorado: State certificates. County certificates.....	State superintendent. County superintendent.....	Intemperance, immorality.	Holder of a certificate has right to appeal to the State superintendent of schools within 30 days.
Connecticut: Any certificate.....	Examining committee.....	Incompetency to teach or to manage a school or to conform to requirements.	May be discharged by district or by committee in absence of action by the district. If improperly discharged by committee, district may compel reinstatement.
Delaware: Any certificate.....	State board of education.....	Negligence, cruelty, incompetence, or immorality.	
Florida: Any certificate.....	County or State superintendent.....	Incompetency and gross immorality.	
Georgia: County licenses.....	County school commissioner.....	Immorality, incompetency, neglect of duty.....	The teacher has a right to appeal to the county board of education.
Idaho: State or State life certificate. County certificates.....	State board of education..... County superintendent.....	Any cause which would have prevented the issuance of such certificate if known at the time of issue. Neglect of duty, incompetency, or immorality.....	Applicant has 30 days in which to appear before State board and show cause why certificate should not be revoked. 30 days is given to appear and make appeal before State board of education.
Illinois: Any certificate.....	County or State superintendent.....	Immorality, incompetency, unprofessional conduct, or other just cause.	Applicant has the right of appeal if taken within 10 days.
Indiana: Any certificate.....	State or county superintendent.....	Incompetence, immorality, cruelty, or neglect of the business of the school.	

Iowa: Any certificate.....	County superintendent.....	Incompetency, immorality, intemperance, cruelty or general neglect of the business of the school, or for any cause which would have authorized or required a refusal to grant the same.	County superintendent shall within 10 days transmit to such person a written statement of the charges preferred and set the time and place for hearing, at which trial the teacher shall appear and be present and make defense. If in judgment of the county superintendent there are sufficient grounds for revocation of the certificate or diploma, he shall at once issue in duplicate the certificate or diploma, one of full force and effect 10 days after date of the issue, one to the holder and the other to be mailed to superintendent of public instruction. The person aggrieved by such order shall have right to appeal to superintendent of public instruction within 10 days from date of such mailing, and in case of appeal the revocation shall not be effective until same is affirmed, after full hearing, by the superintendent of public instruction. The revocation of all State certificates and life diplomas must be affirmed by the educational board of examiners after full review before becoming effective.
Kansas: All certificates.....	Boards issuing.....	Immorality, gross neglect of duty, annulling of contracts, or any cause which would have justified withholding the certificate when it was granted.	
Kentucky: Any certificate.....	County superintendents.....	Incompetency, immorality, inefficiency, or other unworthiness to be a teacher.	
Louisiana: Any certificate.....	State board of education.....	Incompetence, unworthy or immoral conduct....	
Maine: Any certificate.....	State superintendent of schools.....	"Certain causes".....	
Maryland: Any certificate.....	State superintendent.....	Immorality, dishonesty, intemperance, insubordination, incompetency, or neglect of duty.	
Massachusetts: Any certificate.....	Board of education.....	Incompetent or otherwise manifestly unfitted to serve as instructor of schools.	County board may suspend certificates and may recommend to State superintendent the revocation of them. State superintendent must give opportunity to accused to defend himself against the charges made.
Michigan: Any certificate.....	State board of education.....	For causes.....	Board of education must be convinced after investigation. A hearing must be given the accused.
Minnesota: Any certificate.....	County and State superintendent.....	Immoral character, failure to follow contract, inefficiency, tuberculosis, or communicable diseases.	May be suspended on own authority or on complaint of school boards.
Mississippi: Any certificate.....	County superintendent.....	Intemperance, immoral conduct, brutal treatment of pupils.	Accused must be given trial.
Missouri: Any certificate.....	County superintendents.....	Immorality, incompetence, neglect of duty, or annulling contract without the consent of the board.	

TABLE 19.—*Suspension and revocation of certificates—Continued.*

Name or kind of certificate.	Officer empowered to suspend or revoke.	Grounds upon which suspension or revocation may be made.	Process.
Montana: Any certificate.....	State superintendent or county superintendent for 6 months.	Incompetency, immorality, intemperance, physical inability, crime, neglect of duty, leaving school before expiration of term.	
Nebraska: Any certificate.....	By authority granting same.	Any cause which would have precluded their issue or for incompetency, immorality, intemperance, cruelty, neglect of duty, or crime against the State.	
Nevada: Any certificate.....	State board of education.	Immoral or unprofessional conduct, evident unfitness for teaching, or persistent defiance of rules and regulations of the State, or of the State superintendent, or of the State board, or of the State superintendent, defining and governing the duties of teachers.	
New Hampshire: Any certificate.....	School board.	Immoral or incompetent or who shall not conform to regulations prescribed.	No teacher shall be so dismissed before expiration of period for which said teacher was engaged without having previously been notified of the cause of such dismissal, and provided further that no teacher shall be so dismissed unless having previously been granted a full and fair trial. The district shall be liable in the action of contract to any teacher dismissed in violation of the provisions to the extent of full salary for the period for which such teacher was engaged.
New Jersey: Any certificate.....	State board of examiners.	For cause.	
New Mexico: Any certificate.....	State board of education.	Incompetence, immorality, or any cause for which certificate might have been withheld if known at the time of its issue.	The accused must have a full and fair hearing and may have the services of counsel.
New York: Any certificate.....	Commissioner of education.	Any sufficient cause.	Commissioner of education may recede and reverse his action.
Do.....	School commissioner.	Immorality.	Teacher must be given reasonable notice of the charge, and an opportunity to defend himself. If the certificate thus annulled was granted by the commissioner of education or former superintendent of public instruction, or is a diploma of a normal school, notice of such annulment must be sent forthwith to the commissioner of education.

<p>North Carolina: County certificates..... Any certificate..... Do..... North Dakota: Any certificate..... Ohio: Any certificate..... Oklahoma: Any certificate..... Oregon: Any certificate.....</p>	<p>County board of education. County superintendent with concurrence of a majority of the school committee. School committee..... State board of examiners..... State board of examiners..... Power granting same..... Authority issuing.....</p>	<p>Immorality. Any immoral or disreputable conduct or incompetency to discharge efficiently the duties of a public school teacher or persistent neglect of such duties. Sufficient charges..... Any cause that would have caused it not to be granted if known at time it was granted, or for incompetency, immorality, infidelity, infidelity, crime against the laws of the State, or neglect or refusal to perform his duty or general neglect of work. Immorality or other grounds which would have prevented the issue of said certificates. Immorality, intemperance, crime against the law of the State, or gross neglect of duty.</p>	<p>Charges must be filed in writing with county superintendent and after hearing shall have been had before committee of the district in which such teacher is teaching, after 2 days' notice to such teacher. Teacher must be given an opportunity to make defense. Revocation may take place upon written complaint of any county superintendent, after defendant has been given opportunity to be heard. Holder shall not be eligible to receive another teacher's certificate within 12 months after date of revocation. The aggrieved shall have right of appeal to State superintendent, which shall act as a stay of proceedings for a period of 30 days; to the State board of education, which shall act as a stay of proceedings until next regular or special meeting of said board. Reasonable notice in writing must be given to the parties interested. Due notice must be given and an opportunity for a hearing. Right of appeal may be taken to the State board of education. Sufficient evidence furnished by the county superintendent. Provided the holder is notified and given opportunity to be heard and to appeal to State superintendent and State board of education.</p>
<p>Pennsylvania: Any certificate..... Rhode Island: Any certificate..... South Carolina: Any certificate..... County certificates..... Tennessee: Any certificate..... Texas: Any certificate.....</p>	<p>State superintendent..... State board of education..... State board of education..... County superintendent or board of education..... State superintendent..... Authority issuing.....</p>	<p>Incompetency, cruelty, negligence, immorality, or intemperance. Sufficient cause..... Immorality, unprofessional conduct, profanity, or intemperance. Immoral conduct. Conducting school improperly or unworthiness to instruct youth of the State, failure to attend required institute, or abandoning contract.</p>	<p>Revocation may take place upon written complaint of any county superintendent, after defendant has been given opportunity to be heard. Holder shall not be eligible to receive another teacher's certificate within 12 months after date of revocation. The aggrieved shall have right of appeal to State superintendent, which shall act as a stay of proceedings for a period of 30 days; to the State board of education, which shall act as a stay of proceedings until next regular or special meeting of said board. Reasonable notice in writing must be given to the parties interested. Due notice must be given and an opportunity for a hearing. Right of appeal may be taken to the State board of education. Sufficient evidence furnished by the county superintendent. Provided the holder is notified and given opportunity to be heard and to appeal to State superintendent and State board of education.</p>

TABLE 19.—*Suspension and revocation of certificates—Continued.*

Names of kinds of certificates.	Officer empowered to suspend or revoke.	Grounds upon which suspension or revocation may be made.	Process.
Utah: State diplomas and State certificates. Local certificate. Vermont: Any certificate.	State board of education. Board of examiners for local certificates. State commissioner of education.	Immoral or unprofessional conduct or evident unfitness for teaching. Immoral and unprofessional conduct, profanity, intemperance, or evident unfitness for teaching. Conduct or reputation incompatible with the standard of the teaching profession or incapacity to teach which renders it impossible to secure and maintain control of pupils.	Board of examiners for local certificates shall recommend to the board of education. Upon recommendation of the superintendent under whom teacher has last taught.
Virginia: Any certificate. Washington: Any certificate. West Virginia: Any certificate. Wisconsin: Any certificate. Wyoming: Any certificate.	Division superintendent. Authority issuing. State superintendent. State or county superintendents. State board of education.	Immorality, intemperance, crime, or unprofessional conduct. Immorality, unfitness to teach, and other just causes. Incompetency, immoral conduct. Neglect of duty, incompetence, immorality, or reprehensible conduct.	Subject to appeal to the State superintendent within 30 days. On complaint of any superintendent. The defendant is given opportunity to be heard. The holder must be served with written notice and given opportunity for defense. Charges must be made in writing. Written charges must be made and a personal hearing given.

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TABLE 20.—Minimum age requirements.—Fees required for certificates and funds to which they are credited.

State.	Minimum age requirement.	Kind of certificate.	Fees.	Funds to which fees are credited.
Alabama	17 (any)	Third grade	\$1.00	
		Second grade	1.50	
		First grade	2.00	
		Life grade	3.00	
Arizona	18 (any)		0	
Arkansas	None	State life	10.00	
		State professional	5.00	
		State first grade and county	1.00	
California	18 (any)	County	2.00	County treasurer for teachers' institute and teachers' library fund.
		State	10.00	Expenses of state board.
Colorado	18 (any)	State	0	
		County	0.00	Normal institute fund.
Connecticut	None		0	
Delaware	20 (any)		0	
Florida	None	Third grade	1.00	
		Second grade	1.50	
		First grade	2.00	
		Primary	3.00	
		Special	2.50	
		State	5.00	
Georgia	18 (any)	4-year professional and State 1-year high school	2.00	
		State life and State high school	10.00	
		State 5-year or renewals	5.00	
Illinois	18 (any)	Examination or annual registration of county certificate	1.00	
Indiana		All certificates	5.75	Used to pay for crediting manuscripts.
		Life	5.00	
Iowa	18 (any)	County	1.00	State and county treasurers.
		State	2.00	
		Life validation	5.00	
Kansas	1st grade, 20, 21, 31, and temporary, 18	County	\$1.00	\$1 of all fees collected is placed to the credit of county institute fund.
		State	\$2.00	
Kentucky	State diploma, 21; State certificate, 21; county certificate, 18	County	3.00	
		State	4.00	
Louisiana	18	High school and first grade	2.00	
		Second grade	1.50	
		Third grade	1.00	
Maine	17 (any)		0	
Maryland	18		0	
Massachusetts	None		0	
Michigan	18		0	
Minnesota	1st and 2d grades, 18	Male applicants.	1.00	Teachers' institute fund.
		Female applicants.	1.50	
		Any certificate examination or renewal.	.50	Institute fund.
		Professional or for indorsement.	1.00	
	Limited 2d year, 17.	Permanent professional.	5.00	
Mississippi	17 (any)	Not stated	.50	
			1.00	
Missouri	None	All renewals and indorsements.	1.50	Expenses of teachers' associations and teachers' meetings and grading of papers.
		County certificates	3.00	
Montana	18	County	1.00	
		State or life	1.50	
Nebraska	None	Examination, registration, renewal, or indorsement.	1.00	
		Examination for county.	1.50	\$1 for institute and 50 cents for expenses of examination.

1 Minimum age required for any certificate, 17 years.
 2 At educational institutions.
 3 By county examining board.
 4 \$1 for duplication.



242 STATE LAWS GOVERNING TEACHERS' CERTIFICATES.

TABLE 20.—Minimum age requirements.—Fees required for certificates and funds to which they are credited—Continued

State.	Minimum age requirement.	Kind of certificate.	Fee.	Funds to which fees are credited
Nevada.	20	High school and first-grade elementary.	0	
		All others.	0	
New Hampshire	None		0	
New Jersey	18 (any)		0	
New Mexico	18 (any)	Professional life	10.00	
		Professional 5-year	5.00	
		All others	1.00	
New York	18 (any)	(*)	0	
North Carolina	18 (any)		0	
North Dakota	18 (any)	Third and fourth grades.	2.00	
		Special and second grade.	5.00	
		First grade professional.	5.00	
Ohio	18 (any)	State	5.00	State treasurer
		County	2.00	County education fund
Oklahoma	1st grade, 20	County	2.00	County normal institute fund
	2d and 3d, 18.	State	4.00	For grade manuscripts
Oregon	18 (any)	Life State	5.00	
		Five-year State, primary 5-year.	2.00	
		1-year State	2.00	
		Temporary county special	3.00	
		Renewal of state.	1.00	
Pennsylvania	18 (any)		0	
Rhode Island	None		0	
South Carolina	18 (any)		0	
South Dakota	18 (any)	Life examination-state examination.	10.00	
		Provisional state, first, second, third, and primary.	2.00	State professional fund
			1.00	Fifty cents to institute fund, 50 cents to general State fund
Tennessee	18 (any)		0	
Texas	16 (any)	All examinations	2.00	If for second-grade county, the \$2 retained by examiners, and if for State certificate, \$1 is retained and \$1 is awarded to State department of education.
Utah	None		0	
Vermont	17 (any)		0	
Virginia	18		0	
Washington	18	All	1.00	County institute fund.
West Virginia	18	Any certificate	1.00	Fees received for examination used by county superintendent for expenses of examination. Fees received for certificates granted on graduation or credentials credited to general school fund.
Wisconsin	None	State	2.00	
		County	0	
Wyoming	17	Temporary	.50	
		Renewals and others.	1.00	Credits certification board

* Prescribed.
 * Not stated.

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