

DOCUMENT RESUME

ED 363 651

TM 020 698

TITLE Projections of Public and Nonpublic School Enrollment and High School Graduates to 2002-03, New York State.

INSTITUTION New York State Education Dept., Albany. Office of Instruction and Program Development.

PUB DATE Jul 93

NOTE 36p.; For projections to 2000-01, see ED 337 472.

PUB TYPE Statistical Data (110) -- Reports - Descriptive (141)

EDRS PRICE MF01/PC02 Plus Postage.

DESCRIPTORS Cohort Analysis; Educational Trends; Elementary Secondary Education; Enrollment Projections; *Enrollment Trends; *Geographic Regions; High School Graduates; *Private Schools; *Public Schools; Research Methodology; *School Statistics; *State Surveys; Tables (Data); Trend Analysis

IDENTIFIERS *New York

ABSTRACT

Actual and projected enrollments from 1960-61 through 2002-03 and projected enrollments from 1993-94 through 2002-03 are given for public and non-public schools in New York State. Eight tables present the following enrollment information: (1) trends and projections of public and non-public school enrollment in kindergarten through grade 12 for 1960-61 through 2002-03; (2) projections of public and non-public school enrollment in kindergarten through grade 12 by elementary and secondary grade grouping for 1993-94 through 2002-03; (3) projections of public school enrollment in kindergarten through grade 12 by grade for 1993-94 through 2002-03; (4) projections of non-public school enrollment in kindergarten through grade 12 by grade for 1993-94 through 2002-03; (5) projections of public school enrollment in kindergarten through grade 12 by region for 1993-94 through 2002-03; (6) projections of non-public school enrollment in kindergarten through grade 12 by region for 1993-94 through 2002-03; (7) state, regional, and county projections of public school enrollment in kindergarten through grade 12 in 1993-94 through 2002-03; and (8) projections of high school graduates in public and non-public schools for 1992-93 through 2002-03. The cohort-survival method used to project enrollment and graduates is described, along with projection strategies, using grade 2 as an example. (SLD)

 * Reproductions supplied by EDRS are the best that can be made *
 * from the original document. *

TM

Projections of Public and Nonpublic School Enrollment and High School Graduates to 2002-03 New York State

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

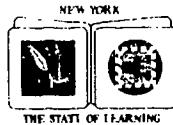
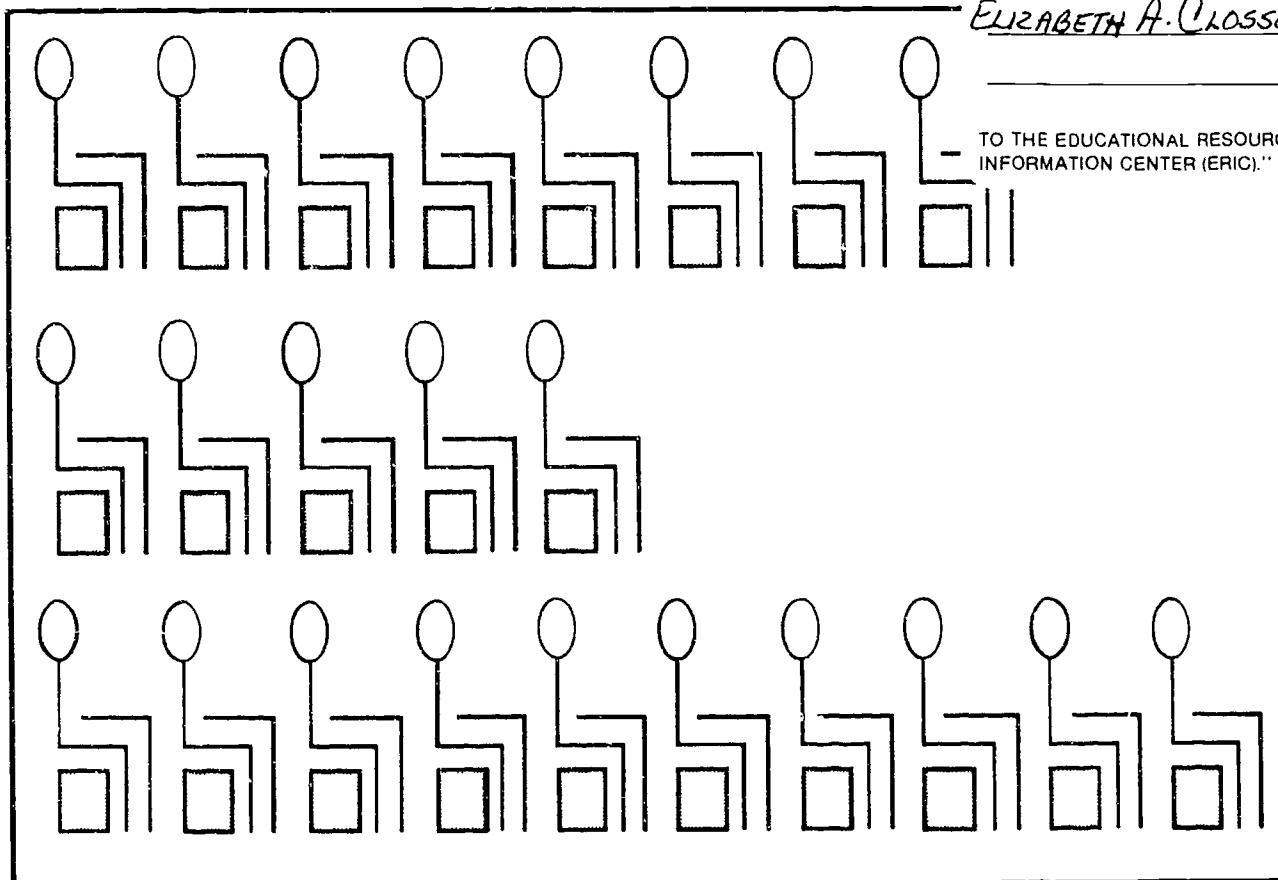
This document has been reproduced as received from the person or organization originating it.
 Minor changes have been made to improve reproduction quality.

- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

ELIZABETH A. CLOSSON

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."



The University of the State of New York • THE STATE EDUCATION DEPARTMENT
Albany, New York 12234

**PROJECTIONS OF
PUBLIC AND NONPUBLIC SCHOOL ENROLLMENT
AND HIGH SCHOOL GRADUATES
TO 2002-03**

NEW YORK STATE

The University of the State of New York
THE STATE EDUCATION DEPARTMENT
Office of Instruction and Program Development
Albany, New York 12234
July 1993

THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of The University

R. Carlos Carballada, Chancellor, B.S.	Rochester
Jorge L. Batista, Vice Chancellor, B.A., J.D.	Bronx
Willard A. Genrich, Chancellor Emeritus, LL.B.	Buffalo
Emlyn I. Griffith, A.B., J.D.	Rome
Louise P. Matteoni, B.A., M.A., Ph.D.	Bayside
J. Edward Meyer, B.A., LL.B.	Armonk
Floyd S. Linton, A.B., M.A., M.P.A.	Miller Place
Mimi Levin Lieber, B.A., M.A.	New York
Shirley C. Brown, B.A., M.A., Ph.D.	Albany
Norma Gluck, B.A., M.S.W.	New York
Adelaide L. Sanford, B.A., M.A., P.D.	Hollis
Walter Cooper, B.A., Ph.D.	Rochester
Carl T. Hayden, A.B., J.D.	Elmira
Diane O'Neill McGivern, B.S.N., M.A., Ph.D.	Staten Island
Saul B. Cohen, B.A., M.A., Ph.D.	New Rochelle
James C. Dawson, A.A., B.A., M.S., Ph.D.	Peru

President of The University and Commissioner of Education

Thomas Sobol

Executive Deputy Commissioner of Education

Thomas E. Sheldon

Deputy Commissioner for Elementary, Middle and Secondary Education

Arthur L. Walton

Assistant Commissioner for Instruction and Program Development

Zelda J. Holcomb

Special Assistant for Information Services

Leonard D. Powell

The State Education Department does not discriminate on the basis of age, color, religion, creed, disability, marital status, veteran status, national origin, race, gender or sexual orientation in the educational programs and activities which it operates. Portions of this publication can be made available in a variety of formats, including braille, large print or audio tape, upon request. Inquiries concerning this policy of equal opportunity and affirmative action should be referred to the Department's Affirmative Action Office, NYS Education Department, 89 Washington Avenue, Albany, NY 12234.

CONTENTS

<u>Table</u>		<u>Page</u>
1	Trends and Projections of Public and Nonpublic School Enrollment in Grades K-12, New York State, 1960-61 to 2002-03	1
2	Projections of Public and Nonpublic School Enrollment in Grades K-12, by Elementary and Secondary Grade Grouping, New York State, 1993-94 to 2002-03	2
3	Projections of Public School Enrollment in Grades K-12 by Grade, New York State, 1993-94 to 2002-03	3
4	Projections of Nonpublic School Enrollment in Grades K-12 by Grade, New York State, 1993-94 to 2002-03	4
5	Projections of Public School Enrollment in Grades K-12 by Region, New York State, 1993-94 to 2002-03	5
6	Projections of Nonpublic School Enrollment in Grades K-12 by Region, New York State, 1993-94 to 2002-03	6
7	Projections of Public School Enrollment in Grades K-12, New York State, Regional and County Totals, 1993-94 to 2002-03	7
8	Projections of High School Graduates in Public and Nonpublic Schools, New York State, Regional and County Totals, 1992-93 to 2002-03	11
	Methodology and Summary	15
	Notes Concerning Projections	17

Portions or individual pages of this publication will be made available, upon request, in braille or oversized print for the visually impaired.

TABLE 1
TRENDS AND PROJECTIONS OF PUBLIC AND NONPUBLIC SCHOOL ENROLLMENT
NEW YORK STATE
1960-61 TO 2002-03

YEAR	TYPE OF SCHOOL			TOTAL
	PUBLIC	NONPUBLIC		
ACTUAL				
1960-61	2,770,824	841,345		3,612,169
1965-66	3,176,574	884,000		4,060,574
1970-71	3,489,245	787,853		4,277,098
1975-76	3,382,369	621,345		4,003,714
1976-77	3,307,231	606,210		3,913,441
1977-78	3,189,781	588,258		3,778,039
1978-79	3,060,911	583,873		3,644,784
1979-80	2,935,764	580,185		3,515,949
1980-81	2,838,393	579,864		3,418,257
1981-82	2,748,397	576,439		3,324,836
1982-83	2,683,598	570,460		3,254,058
1983-84	2,639,874	564,409		3,204,283
1984-85	2,609,988	547,857		3,157,845
1985-86	2,584,270	532,124		3,116,394
1986-87	2,567,292	517,038		3,084,330
1987-88	2,550,609	503,381		3,053,990
1988-89	2,526,276	491,377		3,017,653
1989-90	2,515,948	483,975		2,999,923
1990-91	2,547,258	477,107		3,024,365
1991-92	2,593,015	469,058		3,062,073
1992-93	2,637,745	469,357		3,107,102
PROJECTED				
1993-94	2,693,233	466,077		3,159,310
1994-95	2,755,218	460,917		3,216,135
1995-96	2,818,087	456,973		3,275,060
1996-97	2,873,112	452,957		3,326,069
1997-98	2,919,989	449,836		3,369,825
1998-99	2,960,860	447,062		3,407,922
1999-2000	2,995,696	444,057		3,439,753
2000-01	3,021,754	441,050		3,462,804
2001-02	3,045,186	439,137		3,484,323
2002-03	3,069,274	437,938		3,507,212

NOTE: PUBLIC SCHOOL ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 2
PROJECTIONS OF PUBLIC AND NONPUBLIC SCHOOL ENROLLMENT IN GRADES K-12 BY ELEMENTARY AND SECONDARY GRADE GROUPING
NEW YORK STATE
1993-94 TO 2002-03

		ACTUAL						PROJECTED																	
		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98		1998-99		1999-2000		2000-01		2001-02		2002-03	
GRADE																									
PUBLIC																									
K-6	*	1,446,349	*	1,469,180	*	1,500,426	*	1,536,832	*	1,575,919	*	1,609,884	*	1,635,540	*	1,658,485	*	1,673,770	*	1,672,653	*	1,662,795	*	1,647,695	*
7-12	*	1,146,666	*	1,168,565	*	1,192,807	*	1,218,386	*	1,242,168	*	1,263,228	*	1,284,449	*	1,302,375	*	1,321,926	*	1,349,101	*	1,382,391	*	1,421,575	*
TOTAL	*	2,593,015	*	2,637,745	*	2,693,233	*	2,755,218	*	2,818,087	*	2,873,112	*	2,919,989	*	2,960,860	*	2,995,696	*	3,021,754	*	3,045,186	*	3,069,274	*
NONPUBLIC																									
K-6	*	279,301	*	279,964	*	276,224	*	271,533	*	268,699	*	265,974	*	263,570	*	261,149	*	260,075	*	258,983	*	258,604	*	259,380	*
7-12	*	189,757	*	189,393	*	189,853	*	189,384	*	188,274	*	186,983	*	186,266	*	185,913	*	183,982	*	182,067	*	180,533	*	178,558	*
TOTAL	*	469,058	*	469,357	*	466,077	*	460,917	*	456,973	*	452,957	*	449,836	*	447,062	*	444,057	*	441,050	*	439,137	*	437,938	*
TOTAL STATE																									
K-6	*	1,725,650	*	1,749,144	*	1,776,650	*	1,808,365	*	1,844,618	*	1,875,858	*	1,899,110	*	1,919,634	*	1,933,845	*	1,931,636	*	1,921,399	*	1,907,075	*
7-12	*	1,336,423	*	1,357,958	*	1,382,660	*	1,407,770	*	1,430,442	*	1,450,211	*	1,470,715	*	1,488,288	*	1,505,908	*	1,531,168	*	1,562,924	*	1,600,137	*
TOTAL	*	3,062,073	*	3,107,102	*	3,159,310	*	3,216,135	*	3,275,060	*	3,326,069	*	3,369,825	*	3,407,922	*	3,439,753	*	3,462,804	*	3,484,323	*	3,507,212	*

NOTE: UNGRADED HANDICAPPED ENROLLMENT HAS BEEN APPORTIONED BETWEEN GRADE GROUPS K-6 AND 7-12 BASED ON THE RELATIVE PROPORTIONS IN THE 1992-93 SCHOOL YEAR.
PUBLIC SCHOOL ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 3
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT IN GRADES K-12 BY GRADE
NEW YORK STATE
1993-94 TO 2002-03

GRADE	ACTUAL 1991-92	1992-93	1993-94	1994-95	PROJECTED				
					1995-96	1996-97	1997-98	1998-99	1999-2000
K	197,128	201,674	213,140	221,261	226,567	222,775	219,980	218,243	215,711
1	217,128	217,819	223,181	235,903	244,887	250,764	246,570	243,478	241,559
2	202,847	207,369	207,989	213,077	225,255	233,838	239,451	235,451	232,493
3	198,973	200,162	204,624	205,232	210,257	222,269	230,738	236,281	232,327
4	194,841	197,698	198,882	203,317	203,915	208,912	220,848	229,257	234,763
5	190,126	194,157	197,010	198,184	202,599	203,202	208,184	220,069	228,453
6	187,853	191,720	195,785	198,661	199,843	204,303	204,906	209,932	221,913
7	188,586	191,664	195,606	199,758	202,684	203,898	208,448	209,053	214,196
8	180,718	184,815	187,836	191,695	195,765	198,633	199,824	204,277	204,875
9	214,204	218,802	223,763	227,410	232,098	237,017	240,487	241,919	247,312
10	192,056	197,530	201,769	206,342	209,706	214,022	218,560	221,760	223,083
11	166,438	168,686	173,493	177,207	181,224	184,182	187,971	191,958	194,775
12	141,546	142,822	144,740	148,860	152,041	155,483	158,024	161,274	164,698
UNGRAD HANDICAPPED	120,571	122,827	125,415	128,311	131,246	133,814	135,998	137,908	139,538
TOTAL	2,593,015	2,637,745	2,693,233	2,755,218	2,818,087	2,873,112	2,919,989	2,960,860	2,995,696

NOTE: ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

10

9

BEST COPY AVAILABLE

TABLE 4
PROJECTIONS OF NONPUBLIC SCHOOL ENROLLMENT IN GRADES K-12 BY GRADE
NEW YORK STATE
1993-94 TO 2002-03

GRADE	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	ACTUAL		PROJECTED	
													*	*	*	*
K	47,261	47,837	*	45,135	44,922	44,030	43,850	43,849	44,057	44,105	43,790	44,292	44,815			
1	42,498	42,876	*	43,395	40,946	40,749	39,943	39,780	39,778	39,964	40,009	39,722	40,178			
2	39,469	39,272	*	39,621	38,173	37,836	37,657	36,912	36,761	36,760	36,931	36,972	36,709			
3	37,712	37,574	*	37,390	37,722	36,342	36,022	35,850	35,140	34,995	34,995	35,159	35,198			
4	36,690	36,121	*	35,989	35,812	36,137	34,807	34,504	34,341	33,659	33,519	33,518	33,678			
5	35,751	35,420	*	34,873	34,746	34,576	34,885	33,605	33,308	33,151	32,495	32,362	32,361			
6	34,644	35,165	*	34,844	34,305	34,178	34,011	34,314	33,051	32,768	32,611	31,962	31,833			
7	34,399	34,364	*	34,881	34,558	34,027	33,898	33,734	34,039	32,788	32,498	32,347	31,708			
8	33,804	32,940	*	32,908	33,404	33,091	32,580	32,464	32,306	32,594	31,399	31,122	30,975			
9	31,007	31,161	*	30,361	30,329	30,786	30,501	30,031	29,917	29,775	30,045	28,943	28,688			
10	28,901	29,043	*	29,185	28,441	28,405	28,832	28,571	28,132	28,025	27,891	28,144	27,112			
11	27,257	27,202	*	27,337	27,468	26,764	26,735	27,134	26,889	26,476	26,378	26,251	26,487			
12	25,603	25,920	*	25,858	25,992	26,113	25,447	25,422	25,802	25,569	25,172	25,077	24,957			
UNGRADED HANDICAPPED	14,062	14,462	*	14,300	14,099	13,939	13,789	13,666	13,541	13,428	13,319	13,266	13,239			
TOTAL	469,058	469,357	*	466,077	460,917	456,973	452,957	449,836	447,062	444,057	441,050	439,137	437,938			

NOTE: "UNGRADED HANDICAPPED" INCLUDES ENROLLMENT IN UNGRADED CLASSES FOR STUDENTS WITH HANDICAPPING CONDITIONS IN NONPUBLIC SCHOOLS PLUS ALL STUDENTS IN SCHOOLS OPERATED BY NEW YORK STATE AGENCIES (OFFICE OF MENTAL HEALTH, OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES, DEPARTMENT OF CORRECTIONAL SERVICES, DIVISION FOR YOUTH AND STATE EDUCATION DEPARTMENT).

TABLE 5
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT IN GRADES K-12 BY REGION
NEW YORK STATE
1993-94 TO 2002-03

REGION	ACTUAL 1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	PROJECTED	
										2000-01	2001-02
NEW YORK CITY REGION	950,452	971,690	997,732	1,025,025	1,051,658	1,075,077	1,095,500	1,113,155	1,128,645	1,141,950	1,155,198
NASSAU-SUFFOLK REGION	387,734	391,407	397,356	404,741	412,949	420,891	428,252	435,483	442,344	448,138	453,732
MID-HUDSON REGION	290,309	296,032	303,265	311,579	320,505	329,217	336,938	344,137	350,789	355,696	360,088
UPPER HURON REGION	153,045	155,363	158,604	162,004	165,857	168,852	171,394	175,662	175,382	176,520	176,889
LAKE GEORGE-LAKE CHAMPLAIN REGION	41,111	41,558	41,987	42,650	43,242	43,466	43,566	43,693	43,691	43,523	43,279
BLACK RIVER-ST. LAWRENCE REGION	52,835	53,620	54,851	56,182	57,514	58,783	59,752	60,675	61,362	61,848	62,393
UPPER MOHAWK VALLEY REGION	52,049	52,571	53,170	54,086	54,972	55,624	56,066	56,368	56,454	56,364	56,180
CENTRAL REGION	133,442	135,527	137,748	140,431	143,130	145,072	146,689	147,800	148,610	148,900	148,732
SOUTHERN TIER EAST REGION	84,910	85,676	86,793	87,878	88,940	89,608	90,057	90,327	90,327	90,112	89,728
SOUTHERN TIER CENTRAL REGION	36,031	36,108	36,508	37,081	37,465	37,459	37,413	37,278	37,085	36,809	36,572
SOUTHERN TIER WEST REGION	51,827	52,373	52,913	53,616	54,179	54,552	54,642	54,541	54,343	53,780	53,422
GENESEE-FINGER LAKES REGION	181,931	186,384	190,845	195,823	200,652	204,954	208,302	211,105	213,130	214,386	215,136
WESTERN REGION	177,341	179,436	181,461	184,122	187,024	189,557	191,418	192,636	193,534	193,728	193,837
TOTAL STATE	2,593,015	2,637,765	2,693,233	2,755,218	2,818,087	2,873,112	2,919,989	2,960,860	2,995,696	3,021,754	3,045,186
											3,069,274

NOTE: ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 6
PROJECTIONS OF NONPUBLIC SCHOOL ENROLLMENT IN GRADES K-12 BY REGION
NEW YORK STATE
1993-94 TO 2002-03

REGION	ACTUAL	PROJECTED										
		1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02
NEW YORK CITY REGION	263,984	264,398	*	262,576	259,227	256,942	254,599	252,865	251,243	249,457	247,707	246,547
NASSAU-SUFFOLK REGION	50,655	50,357	*	49,605	48,733	48,134	47,551	47,149	46,866	46,502	46,162	45,950
MID-HUDSON REGION	55,841	55,888	*	55,529	54,759	54,217	53,817	53,487	53,196	52,504	52,630	52,371
UPPER HUDSON REGION	16,351	16,994	*	17,124	17,066	17,090	17,065	17,084	17,054	17,027	16,942	16,917
LAKE GEORGE-LAKE CHAMPLAIN REGION	3,290	3,403	*	3,387	3,387	3,400	3,392	3,362	3,354	3,382	3,359	3,348
BLACK RIVER-ST. LAWRENCE REGION	4,092	3,879	*	3,785	3,744	3,639	3,546	3,484	3,435	3,376	3,320	3,283
UPPER MOHAWK VALLEY REGION	3,965	3,641	*	3,544	3,467	3,394	3,313	3,259	3,218	3,164	3,140	3,103
CENTRAL REGION	9,974	9,832	*	9,815	9,848	9,801	9,737	9,706	9,717	9,694	9,664	9,665
SOUTHERN TIER EAST REGION	4,684	4,765	*	4,803	4,891	4,906	4,920	4,935	4,922	4,934	4,940	4,946
SOUTHERN TIER CENTRAL REGION	2,400	2,412	*	2,380	2,288	2,249	2,209	2,167	2,149	2,131	2,120	2,115
SOUTHERN TIER WEST REGION	3,037	2,961	*	2,868	2,876	2,825	2,792	2,758	2,738	2,713	2,704	2,695
GENESEE-FINGER LAKES REGION	19,975	19,859	*	19,572	19,414	19,135	18,886	18,565	18,286	18,039	17,789	17,635
WESTERN REGION	30,810	30,968	*	31,089	31,217	31,241	31,111	30,993	30,866	30,716	30,562	30,557
TOTAL STATE	469,058	469,357	*	466,077	460,917	456,973	452,957	459,836	447,062	444,057	441,050	439,137

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT IN GRADES K-12
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1993-94 TO 2002-03

REGION/ COUNTY	ACTUAL 1992-93	PROJECTED									
		1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03
NEW YORK CITY REGION	950,452	971,690	997,732	1,025,025	1,051,658	1,075,077	1,095,500	1,113,155	1,128,645	1,141,950	1,155,198
NASSAU-SUFFOLK REGION	387,734	391,407	397,356	404,741	412,949	420,891	428,252	435,483	442,344	448,138	453,732
NASSAU	172,004	174,582	178,070	181,905	186,199	190,366	193,979	197,492	200,643	203,341	205,721
SUFFOLK	215,730	216,825	219,286	222,836	226,750	230,525	234,273	237,991	241,701	244,797	248,011
MID-HUDSON REGION	290,309	296,032	303,265	311,579	320,505	329,217	336,938	344,137	350,789	355,696	360,088
DUTCHESS	39,935	40,791	41,917	42,994	44,308	45,672	46,902	47,960	48,919	49,688	50,194
ORANGE	53,124	54,479	56,206	58,548	60,624	62,379	63,966	65,394	66,684	67,598	68,550
PUTNAM	13,297	13,444	13,792	14,078	14,539	14,959	15,331	15,669	15,972	16,206	16,352
ROCKLAND	36,525	36,754	36,771	37,079	37,418	37,804	38,146	38,501	38,912	39,277	39,593
SULLIVAN	11,184	11,302	11,646	11,941	12,294	12,538	12,718	12,941	13,099	13,200	13,297
ULSTER	26,522	27,033	27,882	28,743	29,557	30,361	31,030	31,569	32,089	32,421	32,719
WESTCHESTER	109,722	112,229	115,051	118,196	121,765	125,504	128,845	132,103	135,114	137,306	139,383
UPPER HUDSON REGION	153,045	155,363	158,604	162,004	165,857	168,852	171,394	173,662	175,382	176,520	176,889
ALBANY	36,701	37,627	38,530	39,450	40,591	41,447	42,098	42,789	43,207	43,488	43,569
COLUMBIA	9,743	9,878	10,097	10,267	10,477	10,664	10,869	10,985	11,120	11,158	11,174
FULTON	9,904	9,972	10,094	10,158	10,284	10,350	10,439	10,480	10,553	10,555	10,559
GREENE	6,939	7,134	7,223	7,367	7,584	7,789	7,935	8,100	8,231	8,393	8,453
MONTGOMERY	8,521	8,460	8,549	8,608	8,716	8,676	8,652	8,633	8,585	8,477	8,416
RENSSELAER	22,602	22,871	23,113	23,467	23,750	24,061	24,284	24,507	24,653	24,806	24,820
SARATOGA	32,550	33,092	34,135	35,268	36,456	37,357	38,127	38,789	39,329	39,712	39,983
SCHENECTADY	20,306	20,493	20,925	21,418	21,911	22,304	22,682	23,024	23,303	23,534	23,582
SCHUYLER	5,779	5,836	5,938	6,001	6,088	6,204	6,308	6,355	6,401	6,397	6,354

NOTE: ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT IN GRADES K-12
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1993-94 TO 2002-03
(CONTINUED)

REGION/ COUNTY	ACTUAL 1991-92	1992-93	1993-94	PROJECTED				
				1994-95	1995-96	1996-97	1997-98	1998-99
LAKE GEORGE-LAKE CHAMPLAIN REGION	41,111	41,558	*	41,987	42,650	43,242	43,666	43,691
CLINTON	13,969	14,168	*	14,386	14,690	14,852	14,943	14,902
ESSEX	4,922	4,907	*	4,946	4,989	5,089	5,066	5,048
HAMILTON	782	776	*	764	747	732	724	703
WARREN	10,642	10,872	*	10,997	11,239	11,480	11,642	11,813
WASHINGTON	10,796	10,835	*	10,894	10,985	11,089	11,091	11,022
BLACK RIVER- ST. LAWRENCE REGION	52,833	53,620	*	54,851	56,182	57,514	58,783	59,752
FRANKLIN	8,994	9,313	*	9,502	9,694	9,810	9,807	9,762
JEFFERSON	19,326	19,643	*	20,570	21,655	22,649	23,654	24,486
LEWIS	5,425	5,438	*	5,536	5,591	5,648	5,656	5,661
ST. LAWRENCE	19,088	19,226	*	19,243	19,242	19,407	19,666	19,843
UPPER MOHAWK VALLEY REGION	52,049	52,571	*	53,170	54,086	54,972	55,624	56,066
HERKIMER	12,286	12,405	*	12,682	12,938	13,218	13,510	13,765
ONEIDA	39,763	40,166	*	40,488	41,148	41,754	42,114	42,301
CENTRAL REGION	133,442	135,527	*	137,748	140,431	143,130	145,072	146,639
CAYUGA	12,779	13,073	*	13,482	13,854	14,207	14,447	14,713
CORTLAND	7,866	8,095	*	8,144	8,262	8,362	8,455	8,561
MADISON	12,463	12,545	*	12,656	12,760	12,934	13,011	13,082
ONDONDARA	75,107	76,031	*	77,000	78,406	79,849	80,953	81,890
OSWEGO	25,227	25,783	*	26,466	27,149	27,778	28,206	28,443

NOTE: ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT IN GRADES K-12
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1993-94 TO 2002-03
(CONTINUED)

REGION/ COUNTY	ACTUAL 1991-92	1992-93	1993-94	1994-95	PROJECTED				
					1995-96	1996-97	1997-98	1998-99	1999-2000
SOUTHERN TIER EAST REGION									
BROOME	64,910	85,676	86,793	87,878	88,940	89,608	90,057	90,327	90,112
CHENANGO	33,404	33,952	34,428	34,953	35,447	35,651	35,752	35,774	35,648
DELAWARE	10,280	10,297	10,479	10,653	10,769	10,949	11,122	11,209	11,307
OTSEGO	8,316	8,359	8,429	8,518	8,550	8,508	8,480	8,463	8,421
TIoga	9,699	9,967	10,176	10,367	10,564	10,733	10,819	10,893	10,918
TOMPKINS	10,115	10,137	10,401	10,506	10,640	10,760	10,853	10,945	11,000
SOUTHERN TIER CENTRAL REGION	36,031	36,108	36,508	37,081	37,465	37,459	37,413	37,278	37,085
CHEMUNG	14,240	14,421	14,692	15,026	15,237	15,298	15,278	15,198	15,121
SCHUYLER	2,447	2,495	2,543	2,575	2,613	2,621	2,611	2,570	2,539
STEUBEN	19,344	19,192	19,273	19,480	19,615	19,540	19,524	19,510	19,425
SOUTHERN TIER WEST REGION	51,827	52,373	52,913	53,616	54,179	54,552	54,642	54,541	54,343
ALLEGANY	9,095	9,078	9,059	9,120	9,213	9,236	9,295	9,327	9,313
CATTARAUGUS	17,483	17,654	17,980	18,322	18,673	18,910	19,016	18,988	18,895
CHAUTAUQUA	25,249	25,641	25,874	26,174	26,293	26,406	26,331	26,226	26,135

NOTE: ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 7
PROJECTIONS OF PUBLIC SCHOOL ENROLLMENT IN GRADES K-12
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1993-94 TO 2002-03
(CONCLUDED)

REGION/ COUNTY	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	PROJECTED
													ACTUAL
GENESEE-FINGER LAKES REGION	181,931	186,384	190,845	195,823	200,652	204,954	208,302	211,105	213,130	214,386	215,136	215,535	
GENESEE	10,942	11,047	11,167	11,252	11,381	11,472	11,554	11,591	11,530	11,461	11,354	11,286	
LIVINGSTON	10,149	10,432	10,646	10,919	11,122	11,300	11,437	11,472	11, ⁵⁰¹	11,501	11,469	11,380	
MONTGOMERY	109,133	112,409	115,543	118,918	122,417	125,580	128,095	130,261	131,999	133,193	134,017	134,568	
ONTARIO	16,869	17,266	17,644	18,152	18,544	18,941	19,311	19,688	19,951	20,140	20,277	20,357	
ORLEANS	8,306	8,443	8,686	8,893	9,120	9,285	9,324	9,365	9,335	9,275	9,227	9,211	
SENECA	5,257	5,249	5,290	5,380	5,445	5,435	5,405	5,365	5,322	5,328	5,265	5,243	
WAYNE	18,161	18,371	18,592	18,956	19,182	19,393	19,531	19,614	19,653	19,603	19,573	19,482	
YATES	3,114	3,167	3,277	3,373	3,441	3,548	3,645	3,749	3,823	3,895	3,954	4,008	
WESTERN REGION	177,341	179,436	181,461	184,122	187,024	189,557	191,418	192,636	193,534	193,728	193,837	193,611	
ERIE	135,404	137,072	138,656	140,850	143,049	145,112	146,653	147,793	148,615	148,825	148,931	148,739	
NIAGARA	35,820	36,179	36,488	36,828	37,425	37,778	37,995	37,995	38,066	38,028	38,030	37,994	
WYOMING	6,117	6,185	6,317	6,444	6,550	6,667	6,770	6,848	6,853	6,875	6,876	6,878	
TOTAL STATE	2,593,015	2,637,745	2,693,233	2,755,218	2,818,087	2,873,112	2,919,980	2,960,860	2,995,696	3,021,756	3,045,186	3,069,276	

NOTE: ENROLLMENT DOES NOT INCLUDE FULL-TIME SPECIAL EDUCATION PROGRAMS AT BOARDS OF COOPERATIVE EDUCATIONAL SERVICES (BOCES).

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1992-93 TO 2002-03

REGION/ COUNTY	ACTUAL*	PROJECTED											
		1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2000-01	
NEW YORK CITY REGION	49,203	*	50,261	51,592	53,095	54,456	56,884	55,355	56,502	56,809	57,218	56,667	57,356
NASSAU-SUFFOLK REGION	30,531	*	29,962	30,212	30,035	30,079	30,036	29,910	30,066	30,334	30,315	30,695	31,431
NASSAU	14,342	*	14,222	14,460	14,444	14,414	14,783	14,772	15,094	15,182	15,383	15,502	15,800
SUFFOLK	16,189	*	15,740	15,752	15,591	15,665	15,253	15,136	14,972	15,152	14,932	15,103	15,631
MID-HUDSON REGION	20,048	*	20,051	20,351	20,755	20,625	21,017	21,259	21,484	22,354	22,780	23,199	23,707
DUTCHESSE	2,543	*	2,664	2,608	2,700	2,653	2,724	2,807	2,866	2,943	3,173	3,178	3,294
ORANGE	3,108	*	3,249	3,194	3,379	3,485	3,546	3,641	3,744	3,939	3,900	3,986	4,074
PUTNAM	829	*	746	783	782	766	775	786	806	839	904	855	919
ROCKLAND	3,208	*	3,202	3,214	3,209	3,091	3,170	3,182	3,149	3,145	3,271	3,311	3,439
SULLIVAN	568	*	560	635	632	687	728	666	718	751	760	761	735
ULSTER	1,594	*	1,572	1,651	1,738	1,653	1,717	1,823	1,816	1,940	1,945	2,096	2,105
WESTCHESTER	8,198	*	8,058	8,266	8,315	8,290	8,357	8,354	8,385	8,797	8,827	9,016	9,141
UPPER HUDSON REGION	9,926	*	10,041	10,219	10,526	10,945	11,137	11,284	11,680	11,962	12,568	12,574	13,024
ALBANY	2,474	*	2,508	2,560	2,566	2,748	2,968	2,884	3,117	3,152	3,304	3,405	3,347
COLUMBIA	587	*	564	574	566	589	543	603	600	681	693	657	689
FULTON	522	*	594	580	562	657	624	662	625	671	671	718	647
GREENE	417	*	476	421	451	422	457	442	454	416	509	511	530
MONTGOMERY	504	*	466	495	515	548	508	503	522	565	521	532	521
RENSSLAER	1,665	*	1,657	1,662	1,827	1,820	1,781	1,786	1,792	1,758	1,920	1,865	2,081
SARATOGA	2,128	*	2,179	2,316	2,351	2,432	2,506	2,609	2,717	2,818	2,901	2,901	3,069
SCHEECTADY	1,273	*	1,219	1,233	1,309	1,324	1,329	1,337	1,392	1,403	1,526	1,540	1,646
SCHUYLER	356	*	378	378	379	405	421	458	461	498	523	445	494

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONGPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1992-93 TO 2002-03
(CONTINUED)

REGION/ COUNTY	* ACTUAL 1991-92	* PROJECTED 1992-93	PROJECTED				
			1993-94	1994-95	1995-96	1996-97	1997-98
LAKE GEORGE-LAKE CHAMPLAIN REGION	2,633 *	2,738 *	2,588	2,723	2,821	2,876	2,832
CLINTON	890 *	934	864	956	960	988	1,029
ESSEX	381 *	397	372	386	429	422	374
HAMILTON	43 *	47	47	47	39	53	49
WARREN	646 *	643	622	667	697	671	710
WASHINGTON	673 *	717	683	667	696	742	670
BLACK RIVER- ST. LAWRENCE REGION	3,133 *	3,274	3,307	3,464	3,501	3,651	3,853
FRANKLIN	533 *	572	580	589	643	669	642
JEFFERSON	1,077 *	1,155	1,114	1,240	1,266	1,359	1,407
LEWIS	344 *	340	395	384	393	379	367
ST. LAWRENCE	1,179 *	1,207	1,218	1,251	1,199	1,244	1,235
UPPER MOHAWK VALLEY REGION	3,253 *	3,261	3,207	3,208	3,379	3,478	3,570
HERKIMER	790 *	782	805	804	855	877	931
ONEIDA	2,463 *	2,479	2,402	2,404	2,524	2,601	2,639
CENTRAL REGION	7,566 *	7,751	7,801	7,957	8,305	8,395	8,686
CAYUGA	750 *	753	791	845	926	896	915
CORTLAND	516 *	503	524	527	509	551	514
MADISON	718 *	713	784	763	759	752	818
ONDONDARA	4,230 *	4,308	4,222	4,212	4,372	4,377	4,590
OSWEGO	1,426 *	1,461	1,501	1,613	1,721	1,861	1,812

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1992-93 TO 2002-03
(CONTINUED)

REGION / COUNTY	ACTUAL	PROJECTED					2000-01	2001-02
		1991-92	1992-93	1993-94	1994-95	1995-96		
SOUTHERN TIER EAST REGION	4,956	5,145	5,095	5,338	5,391	5,487	5,623	5,784
BROOME	1,989	2,123	2,014	2,116	2,185	2,221	2,306	2,381
CHEMANG	635	655	664	712	672	677	746	715
DELWARE	499	511	517	560	565	545	529	542
OTSEGO	527	575	584	638	625	689	700	736
TIoga	578	581	608	645	648	656	656	681
TOMPKINS	728	700	708	667	696	699	686	704
SOUTHERN TIER CENTRAL REGION	2,295	2,315	2,353	2,501	2,740	2,715	2,813	2,833
CHEMUNG	943	945	953	1,049	1,110	1,152	1,229	1,204
SCHUYLER	159	163	189	199	210	220	250	234
STEUBEN	1,193	1,207	1,211	1,253	1,420	1,343	1,334	1,378
SOUTHERN TIER WEST REGION	3,267	3,326	3,217	3,463	3,545	3,719	3,871	3,924
ALLEGANY	619	628	640	620	669	621	639	676
CATTARAUGUS	1,126	1,091	1,036	1,116	1,144	1,227	1,244	1,384
CHAUTAUQUA	1,522	1,607	1,541	1,727	1,732	1,871	1,888	1,864

29

30

TABLE 8
PROJECTIONS OF HIGH SCHOOL GRADUATES IN PUBLIC AND NONPUBLIC SCHOOLS
NEW YORK STATE, REGIONAL AND COUNTY TOTALS
1992-93 TO 2002-03
(CONCLUDED)

REGION/ COUNTY	* ACTUAL * 1991-92 * 1992-93 * 1993-94 * 1994-95	PROJECTED							
		1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2000-01	2001-02
GENESEE-FINGER LAKES REGION	* 10,791 * 11,005 * 11,020 * 11,578 * 11,729 * 12,411 * 12,793 * 13,523 * 13,612 * 14,856 * 14,624								
GENESEE	* 672 * 674 * 683 * 691 * 727 * 722 * 761 * 833 * 838 * 872 * 840								
LIVINGSTON	* 559 * 588 * 601 * 643 * 655 * 682 * 770 * 747 * 787 * 800 * 846								
MONROE	* 6,519 * 6,779 * 6,998 * 7,071 * 7,550 * 7,811 * 8,096 * 8,310 * 8,468 * 8,685 * 9,051								
ONTARIO	* 1,022 * 1,017 * 987 * 1,108 * 1,140 * 1,147 * 1,115 * 1,208 * 1,245 * 1,277 * 1,328 * 1,340								
ORLEANS	* 469 * 450 * 467 * 531 * 544 * 651 * 643 * 705 * 707 * 696 * 665 * 709								
SENECA	* 362 * 320 * 329 * 333 * 337 * 358 * 366 * 371 * 318 * 365 * 334 * 397								
WAYNE	* 973 * 1,013 * 947 * 1,008 * 1,026 * 1,065 * 1,109 * 1,123 * 1,169 * 1,147 * 1,202 * 1,184								
YATES	* 215 * 224 * 230 * 266 * 229 * 236 * 218 * 240 * 238 * 231 * 243 * 261								
WESTERN REGION	* 12,169 * 12,204 * 12,067 * 12,329 * 12,469 * 12,811 * 13,347 * 13,493 * 13,799 * 13,680 * 14,049 * 14,218								
ERIE	* 9,579 * 9,532 * 9,384 * 9,758 * 9,714 * 9,977 * 10,305 * 10,469 * 10,774 * 10,706 * 11,019 * 11,060								
NIAGARA	* 2,197 * 2,310 * 2,308 * 2,207 * 2,353 * 2,422 * 2,617 * 2,537 * 2,559 * 2,495 * 2,547 * 2,660								
WYOMING	* 393 * 362 * 375 * 364 * 402 * 412 * 425 * 487 * 466 * 479 * 483 * 498								
TOTAL STATE	* 159,771 * 161,334 * 163,029 * 166,972 * 169,985 * 172,617 * 174,994 * 178,424 * 181,489 * 183,349 * 184,310 * 187,794								

**ENROLLMENT AND HIGH SCHOOL GRADUATE PROJECTION MODEL
NEW YORK STATE EDUCATION DEPARTMENT
METHODOLOGY**

The methodology for projecting K-12 enrollment and high school graduates is the cohort-survival model. The model requires three basic inputs:

1. Actual enrollment by grade for the most recent year available (base year, 1992-93);
2. Grade-to-grade retention ratios^{a/} for grades K through 11 and the ratio of graduates to grade 12;
3. Projected entering cohorts (second grades) for 1993-94 through 2004-05.

The following describes the strategy for projecting entering second grade cohorts for 1993-94 through 2004-05 for the current projection:

1. Since the second grade cohorts for 1993-94 and 1994-95 are presently enrolled in school (1992-93 first graders and kindergarteners respectively), these cohorts were derived by applying the appropriate grade-to-grade retention ratios^{a/}. This process also produces 1993-94 grade 1.
2. To project second grade cohorts for 1995-96 through 2004-05, the ratio of second grade enrollment to the number of births seven years earlier (birth persistence ratio) was calculated for each second grade from 1983-84 through 1992-93. Since the majority of second graders are seven years old, the number of births in a particular year is the best available predictor for the number of second graders seven years in the future. The birth persistence ratio was projected for 1995-96 through 2004-05 by averaging the ratios for the previous ten years, but assigning weightings so that the most recent data have the most impact on the projected ratios. To complete the second grade projection through 2004-05, the above procedure was applied using actual birth data for 1988 through 1991 and projected birth figures for 1992 through 1997 derived principally from population projections available from the New York State Department of Economic Development.

To determine retention and graduate ratios, the historical trend of ratios over the last decade was studied to search for patterns which might be extrapolated. It was decided that the most appropriate strategy was to use the most recent two years of actual enrollment data to complete these ratios. The resulting ratios were held constant for the entire projection period, 1993-94 through 2002-03.

^{a/} A retention ratio for a grade is calculated by dividing enrollment in that grade into enrollment in the next higher grade in the following year. For the current projection, enrollments for Fall 1991 and Fall 1992 from the Basic Educational Data System (BEDS) were used.

When the above inputs were determined, the following calculations were performed to complete the projection:

1. The row of projected second grades was entered for 1993-94 through 2004-05.
2. The column of grade-by-grade base enrollment was entered for 1992-93.
3. For each of Grades K-12 in the base year (1992-93), enrollment was multiplied by its corresponding retention ratio to project enrollment in the next higher grade for 1993-94.
4. The projected enrollment in each grade, 1 through 11, for 1993-94 was multiplied by its corresponding retention ratio to project enrollment in the next higher grade for 1994-95.
5. The process was continued in an iterative fashion until the projection for grades 2 through 12 was completed through 2002-03.
6. First grade for 1994-95 was projected by dividing the projected 1995-96 enrollment in second grade by the retention ratio from first to second grade.
7. Step 6 was continued until first grade was projected through 2002-03.
8. Kindergarten for 1993-94 was projected by dividing the projected 1994-95 enrollment in first grade by the retention ratio from kindergarten to first grade.
9. Step 8 was continued until kindergarten was projected through 2003-04.
10. Enrollment in special ungraded classes for handicapped children was projected by multiplying projected enrollment in grades K-12 by a ratio determined by the proportion of students in the 1992-93 school year enrolled in special classes.
11. High school graduates for 1992-93 were estimated by multiplying the enrollment in grade 12 for 1992-93 by the ratio of June 1992 graduates to enrollment in grade 12 in 1991-92.
12. High School graduates for 1993-94 were projected by multiplying the projected enrollment in grade 12 for 1993-94 by the same ratio.
13. Step 12 was continued until graduates were projected through 2002-03.

The above procedures completed the projection for enrollment by grade and high school graduates through 2002-03.

Independent projections were made for the public and nonpublic school sectors using the above methodology.

Success of the model is dependent primarily on the precise determination of the entering second grade cohorts over the projection period and the computation of the most appropriate retention ratios in view of historical patterns and the effects of recent migration experiences.

NOTES CONCERNING PROJECTIONS

1. Public school projections do not include enrollment in BOCES programs. This figure was 20,651 for 1992-93 and is expected to remain stable over the length of the projection period.
2. Nonpublic school enrollment figures include schools operated or supported by State agencies. Because of the special characteristics of the populations, enrollments in programs operated by the Office of Mental Health, Office of Mental Retardation and Developmental Disabilities, Department of Correctional Services, Division for Youth and State Education Department are considered to be "Ungraded" and are projected in this category. The total number of such students for 1992-93 was 5,029.

NEW YORK STATE EDUCATION DEPARTMENT
ALBANY, NEW YORK 12234

NON-PROFIT ORG
U.S. POSTAGE
PAID
Albany, N.Y.
Permit No. 293

3-024841
089300