DOCUMENT RESUME

ED 295 975 SP 030 296

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TITLE Study of Retirement Eligible DCPS Teachers for School

Years 1986-1987 through 1990-1991.

INSTITUTION District of Columbia Public Schools, Washington, DC.

Div. of Quality Assurance and Management Planning.

PUB DATE May 88 NOTE 35p.

PUB TYPE Reports - Research/Technical (143) --

Tests/Evaluation Instruments (160)

EDRS PRICE MF01/PC02 Plus Postage.

DESCRIPTORS *Career Change; Elementary Secondary Education;

Enrollment Projections; Policy Formation; *Public

School Teachers; *Teacher Retirement; Teacher

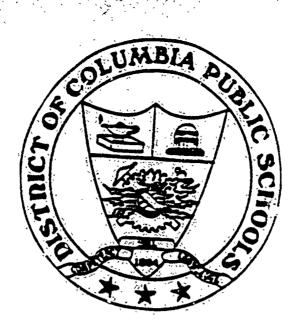
Shortage; Teacher Supply and Demand

IDENTIFIERS *District of Columbia Public Schools

ABSTRACT

This report presents data obtained from a survey of District of Columbia public school teachers who would become eligible for retirement in school years 1986 through 1991. Findings indicate that well over one—third of the respondents plan to retire when first eligible at the age of 55, while 30 percent plan to delay retirement. If the remaining 29 percent of uncertain respondents make career decisions in a similar pattern, approximately two—thirds (64 percent) of the respondents may leave classroom teaching when first eligible for retirement. A copy of the survey questionnaire is appended, as well as tables presenting information on: (1) data summaries from retirement eligible teachers' survey; (2) retirement plans by gender; (3) retirement reasons and incentives not to retire by teaching assignment and gender; (4) reasons for not retiring by gender; and (5) retirement plans by first year of aligibility. References and suggested readings are also appended. (JD)





STUDY OF RETIREMENT ELIGIBLE DCPS TEACHERS FOR SCHOOL YEARS 1986-1987 THROUGH 1990-91

Andrew E. Jenkins, III Superintendent of Schools Chief State School ("ficer

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District of Columbia Public Schools

Study of Retirement Eligible DCPS Teachers for School Years 1986-1987 through 1990-91

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May 1988



Retirement Eligible DCPS Teachers for School Years 1986-1987 to 1990-91



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Summary of Findings: Study of Retirement Eligible DCPS Teachers for School Years 1986-87 to 1990-91

Overview of the Study

Throughout the nation, teachers' average age and average number of years of teaching experience have risen. Concurrently DCPS, is also, experiencing an "aging" of its teaching force. Grissmer, et al. (1985) found that large numbers of current DCPS teachers will be reaching retirement age over the next ten years. During this period, enrollments are expected to increase substantially, first at the elementary level, then at the secondary level.

Given trends toward shrinking pools of new teachers, the loss of large numbers of experienced teachers to retirement appears to pose serious threats to DCPS success in staffing schools in the near future. However, dire predictions about coming teacher shortages are based, in part, on the assumption that a majority of teachers will choose to resign from the classroom when first eligible for retirement. If true, this could cause acute demands for teachers in some areas; namely, elementary schools, vocational/trade programs, and senior high schools (See Grissmer, et al., 1985: 39). However, DCPS teachers are not subject to mandatory retirement; therefore, they may continue to teach as long as they wish and are able after becoming eligible for retirement. Teachers who first become eligible for retirement at age 55 may well choose to continue in the classroom for another ten years or more.

In this context, teacher demand projections need to account for retirement-eligible teachers' resignation behaviors. If retirement-eligible teachers choose to (or can be persuaded) continue teaching through peak enrollment increase periods, available predictions may overestimate the extent of anticipated teacher shortages.

Th: Study Design

To investigate future attrition patterns for DCPS, the Division of Quality Assurance (DQA) surveyed teachers who would become eligible for retirement in school years 1986-1987 through 1990-1991, asking them to indicate their career plans. (The survey instrument is attached in Appendix A of this report.)



Because accurate listings of retirement-eligible teachers for this period were not easily obtained from the school system, DQA administered the survey through building principals in all "mainstream" elementary and secondary schools. (Special education, adult education, alternative, and career development programs were excluded from the study.) Building principals were asked to identify retirement-eligible faculty members, in order to distribute survey packages to these teachers, and to monitor survey returns for their schools.

Because DQA could not control adherence to the administration procedures, response rates could not be calculated for the study. Analysis of background data gleaned from the 621 usable surveys returned suggests that the respondent pool reflects expected demographic distributions for the DCPS teaching force nearing retirement eligibility. (Appendix B for this section contains summary data from the survey.) For example, the respondents are largely female (83%); most (81%) had between 21 and 35 years of teaching experience in DCPS; and, at the secondary level, teachers of the "humanities" (e.g. English, social studies, and fine arts) were most heavily represented with computer science and mathematics teachers in the second most substantial levels of response (22%), closely followed by vocational/trade teachers (20%). These data are comparable to those presented by Grissmer, et al., (1985) their analysis of background profiles for the retirement-eligible DCPS teaching population. Nonetheless, it would be inappropriate assume that the survey results apply for all DCPS teachers nearing retirement. The results reveal only the reasons cited by some groups and subgroups of teachers that are planning whether or not to retire when first-eligible.

The Study Findings

Well-over one-third of the respondents (41%) plan to retire when first eligible, while 30 percent plan to delay retirement (See Appendix B). If the remaining 29 percent of uncertain respondents can be expected to make career decisions in a similar pattern, approximately two-thirds (64%) of the respondents may leave classroom teaching when first eligible for retirement.

Respondents who are considering retirement when first eligible most frequently selected the following three reasons for their decisions:

- 1. "I have become d'scouraged by the stress and pressure of teaching" (34%);
- "I wish to travel and pursue other leisure activities" (25%); and
- "I plan to continue working, but in a non-teaching job" (22%).



2 7

These three reasons, which account for 81 percent of the responses to this item, may be closely related in the minds of teachers. Stress and pressure may precipitate teachers' longing for "relaxation" in retirement years. Equally, the stress and pressures of classroom teaching may push teachers who wish to continue working into alternative careers. A competing interpretation of these data would argue that respondents who cited leisure and second career reasons for planning to retire may enjoy teaching in DCPS, but simply look forward to changes in lifestyle.

While the survey data can not verify either interpretation, they clearly indicate strong feelings of frustration with teaching, as documented by the sizeable portion (34%) of respondents who indicated that stress and pressure are driving them out of the classroom. This finding is underscored by data that suggest over half the respondents planning to retire when first-eligible have no interest in continuing in the classroom: 36 percent of the respondents say no incentive would reverse their decision to retire; 20 percent indicated that a non-teaching position might keep them in the system.

While the resistance of teachers at or near retirement-eligible status to continuing in the classroom may cause alarm, the interest of these teachers in non-teaching positions opens some policy options. Although hard data have not been collected, it appears that DCPS administrators are "aging" at the same time as teachers. It is possible that some teachers planning to retire from the classroom could be attracted into administrative positions, satisfying both the teachers' desires for non-teaching second careers and DCPS demands for administrators in coming years.

The aggregate findings from the survey are in themselves interesting. It is also useful to contrast patterns of retirement-planning in relevant subgroups of respondents. First, it is somewhat surprising to find that proportionally more females than males in this sample plan to retire when first eligible [42% versus 38%, respectively (see Appendix C)]. Given that the DCPS retirement-eligible teaching force is overwhelmingly female, this finding deserves attention: High rates of early retirement among females will more drastically affect staffing demands than the same among males.

Furthermore, female respondents cite "stress and pressure" most frequently as the reason for planning to retire when first eligible (36.4%), while males most frequently cite interest in pursuing non-teaching careers (43.6%)—only 17 percent of the female respondents plan to resign in order to pursue alternative careers. Two concerns are raised by these data. First, because the number of retirement-eligible males in DCPS is relatively small, their attraction into administrative positions probably



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would not significantly alleviate demands for administrators coming years. Second, significant improvements in the DCPS teaching environment are not likely to be felt by teachers for several year; after implementation of any policies designed to stress and pressure in the Teachers--particularly large numbers of female teachers, but also males who, in this study, cited stress and pressure second most frequently as their reason for retirement -- may not be willing to delay retirement while waiting for promised reductions in the stress and pressures they feel in their teaching careers. interpretation is supported to some extent by data that show almost one-third (38%) of the female respondents who plan to retire when first eligible say no incentive would reverse their decision.

A second set of interesting contrasts in the survey data emerge from a comparison of responses from teachers at various educational levels. Table 1 presents plans for retirement when first-eligible for early childhood, elementary, junior high, and senior high school teacher-respondents.

TABLE 1

Teacher Retirement Plans by Educational Level

| Teaching Assignment by Educational Level | <pre>% Planning to Retire When First Eligible</pre> |
|--|---|
| Early Childhood Education | 45% |
| Elementary Education | 44% |
| Junior High School | 42% |
| Senior High School | 32% |
| | |

As shown in Table 1, respondents working with younger children are more likely to retire when first eligible than those working with older students. Collapsing categories, 44 percent of the elementary school teacher-respondents plan to retire when first eligible, while only 32 percent of the secondary school teacher-respondents intend to do so. Cause for concern is raised by this finding because, in the next five years, DCPS expects significant enrollment increases at the elementary level. If a disproportionate number of retirement-eligible teachers at the elementary level choose to resign, stafring shortages may result.

Moreover, the early childhood and elementary teacher-respondents most frequently (41% and 36% respectively) cited "stress and pressure of classroom teaching" as the primary cause for their planning to resign (see Appendix D). discussed previously, these are problems that can be solved or significantly addressed in the short run. In contrast, a majority of secondary teacher-respondents (20%) indicated that assignment to non-teaching positions could hold them in DCPS, in spite of plans to retire when first eligible-- "stress and pressure" and "intentions to pursue leisure activities" attracted the second most frequent response levels (28% each) for this Perhaps, teachers at the secondary level may be more retainable in the school system, if administrative positions are made available, in the short run, and if working conditions are improved by the time enrollment increases impact on secondary schools.



While the data presented so far may cause alarm, data from respondents who expect to delay retirement are more encouraging. More than two-thirds (69% female and 65% male) of respondents who do not plan to retire when first eligible indicate that they want to continue teaching because they enjoy teaching and believe that they have more to contribute (see Appendix E). DCPS may have in its teaching force a rather sizeable group of older trachers who are satisfied with and pleased to have the opportunity to continue their careers. In addition, more than a third of the respondents who plan to continue to teach hope to stay with the system for four or more years after first becoming eligible for retirement (See Appendix B). This "continuing" group may help to offset expected teacher shortages, although more at the secondary levels than at the elementary levels.

The survey respondents are unevenly distributed in terms of their attaining retirement-eligible status through the five year period studied, as shown in Figure 1:

Figure 1.

Sample Characteristics

Percent Eligible for Retirement by Year

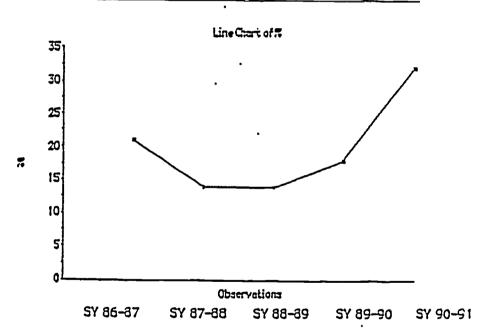




Figure 1 shows that the heaviest concentrations of respondents (teachers becoming eligible for retirement) fall in the beginning and ending years of the period studied, with 22 percent concentrated in school year 1986-87 and 32 percent, in the school year 1990-91. Furthermore, a full 50 percent of the respondents will not become eligible for retirement until the last two years of the period studied, but within this group, about half of the respondents now believe that they will retire when first eligible. In contrast, only about one-fifth (18%) and two-fifths (43%) of the respondents who become eligible to retire in 1986-87 or in 1987-88 plan to resign in those years (see Appendix F).

From a policy-making perspective, these data suggest that DCPS may have a one-to two-year grace perica for designing and implementing strategies to keep a sizeable number of refirement-eligible teachers in the classroom or, at least, in the system. While it is likely that teachers whose retirement eligibility begins in SY 1986-87 or 1987-88 have made fairly firm retirement plans, the remainder (who appear to be seriously considering retirement when first eligible) might be persuaded to continue teaching for some years. The data further suggest that any incentive package must address issues of stress and pressure in classroom teaching, should offer some flexibility in teaching load (to accommodate both desires for non-teaching and part-time teaching assignments—the second and third most frequently cited incentives for delaying retirement), and would gain support if salaries were increased (the fourth most frequently cited incentive to delay retirement).



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Appendices



Appendix A:

Questionnaire for Retirement Eligible Teachers



Part I Background Information

| What is | - | • | |
|-----------------------------|---|---------|--|
| | Early childhood (pre-k or kind | lergart | en) |
| | Elementary school | | |
| 1 | Middle school | | |
| | Junior high school | | • |
| : | Senior high school | | |
| | Special education (elementary | or sec | ondary) |
| | Bilingual education/ESL (eleme | entary | or secondary) |
| (| Career development | | |
| · 1 | Alternative school/street acad | lemy | |
| | Others /Blesse specific | | |
| If you middle | Other: (Please specify.) teach in a classroom at the school, junior or senior himary subject area you current | secon | dary level (in a |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior bimary subject area you current | secon | dary level (in a hool), please check ach. (Check <u>one</u> |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior himary subject area you current | secon | dary level (in a hool), please check ach. (Check <u>one</u> |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior himary subject area you current Bilingual education/ESL | secon | dary level (in a hool), please check ach. (Check <u>one</u> Biological science |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior himary subject area you current Bilingual education/ESL | secon | dary level (in a hool), please check one deck on |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior himary subject area you current Bilingual education/ESL Business/secretarial courses English/language arts | secon | dary level (in a hool), please check ach. (Check one Biological science Computer science Fine arts (drama, music, art) Health/physical |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior himary subject area you current Bilingual education/ESL Business/secretarial courses English/language arts | secon | dary level (in a hool), please check ach. (Check one Biological science Computer science Fine arts (drama, music, art) Health/physical education Mathematics Social science |
| If you middle the prionly.) | teach in a classroom at the school, junior or senior himary subject area you current Bilingual education/ESL Business/secretarial courses English/language arts Foreign languages Industrial arts | secon | dary level (in a hool), please check ach. (Check one Biological science Computer science Fine arts (drama, music, art) Health/physical education Mathematics |



| 3. | Are you: |
|----|---|
| | Female |
| | Male |
| | |
| | |
| 4. | Including this school year, how many years have you been a full-time classroom teacher? |
| | Number of years |
| | • |
| | |
| 5. | Including this school year, how many years have you been employed as a full-time classroom teacher in the District of Columbia Public Schools (DCPS)? |
| | Number of years |

Part II Retirement Information

| 6. | In w | hich school year will you <u>first</u> become eligible for rement from the D.C. Public Schools? (Check <u>one</u> only.) |
|----|------------------------|--|
| | | 1986-87 (this school year) 1989-90 |
| | | 1987-88 1990-91 |
| | | 1988-89 |
| 7. | As of | f now, do you plan to retire when you <u>first</u> become ible? (Check <u>one</u> only.) |
| | | Yes (Answer questions 8, 9, and 12 only.) |
| | | No (Answer questions 10, 11, and 12 only.) |
| | | At this time I am uncertain of my retirement plans. (Please stop here and turn in your survey.) |
| 8. | retir We k consi | ou answered "Yes" to Question 7, which of the following ements best describes your major reason for considering rement in the year in which you first become eligible? snow that often there is more than one reason for dering retiring, but please give us your single most than reason. (Check one only.) |
| | | I am retiring because of personal health reasons. |
| | | I plan to continue working, but in a non-teaching job. |
| | | I wish to travel and pursue other leisure activities. |
| | | I have become discouraged by the stress and pressures of teaching. |
| | | I will be financially better off if I retire when I am first eligible. |
| | | My spouse will also be retired. |
| | | Other: (Please briefly explain.) |
| | | |
| | | |



| 9. | Aon fo | answered "Yes" to Question 7, which one of the ing incentives might be most influencial in convincing consider remaining as a teacher in DCPS beyond your dretirement date? (Check one only.) |
|-----|---|---|
| | | A reduction of the non-instructional demands placed on me |
| | | A re-assignment to teach in another school in DCPS |
| | | A re-assignment to a non-teaching job in DCPS |
| | | An increase in my salary beyond the limits now set by the DCPS teachers' salary scale |
| | | An opportunity to teach on a part-time basis in my present school or in another school in DCPS |
| | | There are no incentives that would cause me to reconsider my retirement plans at this time. |
| | | Other: (Please briefly explain.) |
| 10, | | |
| 10, | follow: | answered "No" to Question 7, which one of the ing statements best describes your major reason for not ering retirement on the date when you first become le? (Check one only.) |
| | *************************************** | My retirement income alone would be insufficient to support me and my family. |
| | ************ | I enjoy teaching and believe I have something yet to contribute. |
| | | I will wait for my spouse to retire with me. |
| | | Other: (Please briefly explain.) |
| | | |



| 11. | If you answered "No" to Question 7, when do you anticipat retiring? (Check one only.) |
|------|---|
| | One year after I first become eligible |
| | Two years after I first become eligible |
| | Three years after I first become eligible |
| | Four or more years after I first become eligible |
| 12. | If you answered "Yes" or "No" to Question 7, how <u>certain</u> aryou at this time of your plans to retire or stay in teaching (Check <u>one</u> only.) |
| | Very certain |
| | Certain |
| | Uncertain |
| | Very uncertain |
| | |
| | |
| | |
| | • |
| | |
| | |
| THAI | K YOU FOR TAKING THE TIME TO COMPLETE THIS SURVEY. |
| | ************************************** |
| * Al | EASE SEAL THE COMPLETED SURVEY IN THE ENVELOPE PROVIDED * D RETURN THE SEALED ENVELOPE TO YOUR SCHOOL OFFICE FOR * RWARDING. * |

Appendix B:

Data Summaries from Retirement Eligible Teachers' Survey



A Survey of Current Teachers, Regarding Plans to Retire When First-Eligible Preliminary Results

| Ret | curn Profile Usable Responses | |
|-----|--|----------------|
| | Osable Responses | N=621 |
| Res | spondent Profile Data | |
| 1. | Full-time DCPS teaching assignment Early Childhood (Pre-K,K) Elementary School | 6.4% |
| | Middle School | 53.1% .3% |
| | Secondary Schools (Total) | 32.5% |
| | [Junior High School Senior High School | 16.6%] |
| | Other (e.g. ESL, Special Ed, | 15.9%] |
| | Career Development, etc.) | 7.6% |
| 2. | Subject Area Specialties (where applicable) | |
| | Humanities (English, Social Studies, etc.) [English | 32.7% |
| | Special Education | 15.9%] 3.1% |
| | Mathematics/Computer Sciences · | 11.5% |
| | [Mathematics | 10.2%] |
| | Foreign languages | 4.0% |
| | ESL/Bilingual Éducation Sciences | 0.0% |
| | Physical Education | 9.8% |
| | Vocational/Industrial/Technical Education | 8.4% |
| | Other | 19.9% 10.6% |
| | [Driver's Education | · 7.1%] |
| 3. | Sex | , |
| • | Male | 17.5% |
| | Female | 82.5% |
| 4. | Total years of full-time teaching experience | |
| | 10 years or fewer | 1.2% |
| | 11-15 | 2.6% |
| | 16-20 21-25 | 11.5% |
| | 26-30 | 21.9% |
| | 31-35 | 40.2% |
| | 36-40 | 18.9% |
| | 41 years or more | · 3.4% |
| | | • 7 % |



| 5. | Years of DCPS full-time teaching experience 10 years or fewer 11-15 16-20 21-25 26-30 31-35 36-40 41 years or more | 2.2% 3.6% 18.9% 30.4% 33.4% 10.5% .8% |
|-----|--|---|
| 6. | Year First Eligible for Retirement 1986-1987 1987-1988 1988-1989 1989-1990 1990-1991 | 21.4% 14.3% 13.9% 17.9% 32.4% |
| | Plans for Retirement Plan to Retire when First Eligible Plan to Delay Retirement Uncertain about Retirement Plans | 41.3% 29.7% 29.0% |
| For | Respondents Planning to Retire When First Eligible | (N=379) |
| Α. | | 8.7% 21.5% 25.2% 34.3% .8% 6.2% 3.3% |
| В. | Most Influential incentive for Reversing Plans Reduction of non-instructional duties Transfer to another school Assignment to a non-teaching job Salary increase Part-time teaching assignment Nothing Other | 8.8% .8% 20.1% 15.1% 16.7% 36.0% 2.5% |
| For | Respondents Who Plan to Delay Retirement (N=170) | |
| Α. | Major Reason for Delaying Retirement Retirement income would be insufficient Enjoy teaching/have more to contribute Waiting for spouse's retirement Other | 24.7% 69.4% 2.9% 2.9% |



B. Scheduled Time for Retirement
l year after becoming eligible
2 years after becoming eligible
3 years after becoming eligible
4 or more years after becoming eligible
46.2%

For All Respondents Who Have Made Retirement Plans (N=421)*

Degree of Certainty of Plans

| Very Certain | 40.9% |
|----------------|-------|
| Certain | 37.0% |
| Uncertain | 18.3% |
| Very Uncertain | 3.8% |

*Those who answered "yes" or "no" to Survey Question 7: "As of now, do you plan to retire when you first become eligible?"



Appendix C: Retirement Plans by Sex



RETIREMENT PLANS BY SEX

| | N | YES | NO | UNCERTAIN |
|--------|-----|-------|--------------|-----------|
| SEX | | | | |
| Female | 509 | 42.2% | 28.9% | 28.9% |
| Male | 108 | 38.0% | 31. ي | 30.5% |

Reason For Plans To Retire By Sex

| | FEMALE | MALE |
|---------------------|--------|-------|
| • | N=203 | N=39 |
| Major Reason | | |
| Health | 8.4% | 10.3% |
| Other Job | 17.2% | 43.6% |
| Fun and Leisure | 26.6% | 17.9% |
| Stress and Pressure | 36.4% | 23.1% |
| Financial Concerns | 0.5% | 2.6% |
| Spouse's Retirement | 7.4% | 0.0% |
| Other | 3.4% | 2.6% |

Appendix D:

Retirement Reasons and Incentives Not to Retire by Teaching Assignment and Sex



INCENTIVES TO NOT RETURE BY SEX

| | FEMALE | MALES | |
|---------------------|--------|-------|--|
| | N=200 | N=39 | |
| INCENTIVES | | | |
| Reduction of Duties | 9.5% | 5.1% | |
| Transfer | 1.0% | 0.0% | |
| Non-Tching Assign. | 20.5% | 17.9% | |
| Increase Salary | 12.0% | 30.8% | |
| P-T Teaching | 17.5% | 12.8% | |
| Nothing | 38.0% | 25.6% | |
| Other | 1.5% | 7.8% | |

REASON FOR PLANS TO RETIRE BY TEACHING ASSIGNMENT

| | ECE | ELEM | Junior HS | Senior HS |
|---------------------|-------|-------|-----------|-----------|
| | N=17 | N=137 | N=43 | N=29 |
| MAJOR REASON | | | | |
| Health | 5.9% | 10.2% | 9.3% | 3.4% |
| Other Job | 5.9% | 19.0% | 30.2% | 31.0% |
| Fun and Leisure | 29.4% | 24.1% | 25.6% | 27.6% |
| Stress and Pressure | 41.2% | 35.8% | 25.6% | 27.6% |
| Financial Concerns | 5.9% | 0.0% | 0.0% | 3.4% |
| Spouse's Retirement | 11.8% | 7.2% | 4.7% | 3.4% |
| Other | 0.0% | 3.6% | 4.7% | 3.4% |

REASON FOR PLANS NOT TO RETIRE BY TEACHING ASSIGNMENT

| | ECE | ELEM | Junior HS | Senior HS |
|---------------------|-------|-------|-----------|-----------|
| | N=17 | N=136 | N=38 | N=31 |
| MAJOR INCENTIVE | | | | |
| Reduction of Duties | 11.8% | 10.3% | 2.6% | 9.7% |
| Transfer | 5.9% | 0.7% | 0.0% | 0.0% |
| Non-Tching Assgn. | 11.8% | 20.6% | 21.0% | 19.3% |
| Increase Salary | 0.0% | 10.3% | 26.3% | 25.8% |
| P-T Teaching | 35.3% | 15.4% | 15.8% | 12.9% |
| Nothing | 35.3% | 41.2% | 28.9% | 25.8% |
| Other | 0.0% | 1.5% | 5.3% | 6.4% |



Appendix E: Reasons for Not Retiring by Sex



REASON TO NOT RETIRE BY SEX

| | FEMALE | MALES |
|--------------------|--------|-------|
| | N=136 | N=31 |
| MAJOR REASON . | | |
| Manal was | | |
| Need Income | 27.2% | 16.1% |
| Enjoy Teaching | 69.8% | 64.5% |
| Waiting for Spouse | 1.5% | 9.7% |
| Other | 1.5% | 9.7% |



25 30

Appendix F:

Retirement Plans by First Year of Eligibility



Retirement Plans By 1st Year of Eligibility

| Year | N | Plan to Retire | Plan to Continue | Uncertain |
|---------|-----|----------------|------------------|-----------|
| 1986-87 | 133 | 18% | 53% | 29% |
| 1987-88 | 89 | 43% | 31% | 26% |
| 1988-89 | 86 | 40% | 31% | 29% |
| 1989-90 | 111 | 54% | 15% | 31% |
| 1990-91 | 201 | 50% | 21% | 29% |



References and Suggested Readings



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