

Internet Access, Past Year Health-Related Use of the Internet, and Interest in Selected IT Modalities for Health Education

**Estimates from the 2005 Kaiser Permanente
NCal Region Adult Member Health Survey**

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This presentation will:

1. Provide a brief overview of the methodology of the 2005 KP-NCal Adult Member Health Survey
2. Show estimated IT access (personal computer, Internet, and email) by age and gender and level of education
3. Show estimated use of Kaiser and non-Kaiser websites during the 12 months prior to the survey to communicate with the health care system and seek health-related information, by age and gender and level of education.
4. Show estimated interest in using IT technologies to learn about health and how to take care of oneself, by age and gender and level of education.

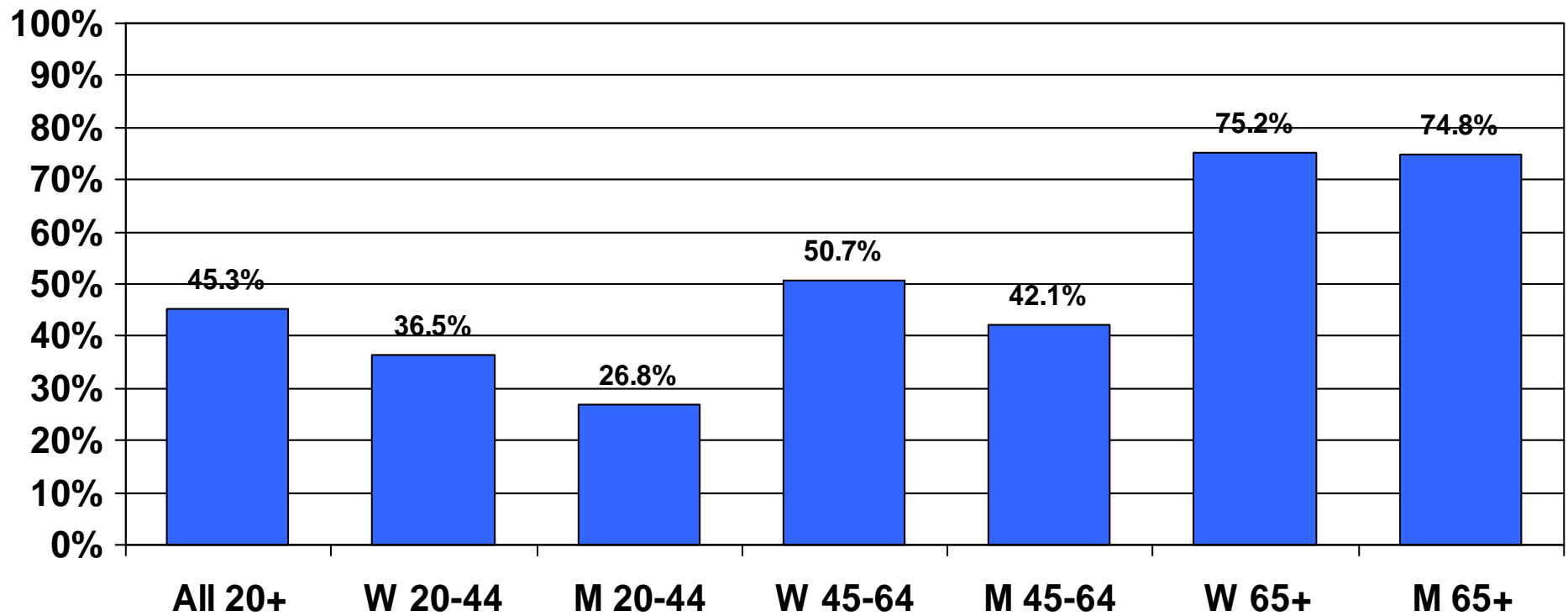
MHS Study Design:

- Separate samples pulled for 19 KP-NCal Medical Center Service Populations (MCSP) based on outpatient use during 4th quarter 2004 or administrative assignment if no outpatient utilization.
- MCSP samples consist of 2,100+ men and women aged ≥ 20 , stratified by 5 age groups (20-44, 45-64, 65-74, 75-79, 80+); larger samples for 5 facilities with high estimated %s members of color (OAK, RCH, SFO, HAY, VAL)
- Eligibility criteria: Current member, not LEP (survey only available in English); LOE and utilization history not considered
- Survey mailed in April 2005, with up to 2 mailed follow-ups
- Survey respondents assigned a post-stratification weighting factor based on age-gender composition of MCSP and of final respondent sample → Weighted samples better reflect age-gender compositions of the MCSP (and Region)

In 2005, web-based survey option offered in addition to hardcopy survey:

- Designed to appeal to younger adults who have always been our worst responders; most adults > 65 not expected to choose electronic questionnaire option
- Survey packet (questionnaire, cover letter + FAQ, return envelope) sent out to entire sample. URL of web-based survey, logon ID and passcode included in the letter
 - Couldn't send out an e-mail link because we do not have members' e-mail addresses, but KP-NCal IRB would likely not have approved contacting members by e-mail anyway.
- **Only 2.4% (454 / 18,750) of survey respondents chose to complete the survey on our secure website:** 6.4% (n=132) men 25-44, 3.5% women 25-44 (n=132), and 3.9% of men 45-64 (n=104); <1% of men and women aged ≥ 65 chose web option

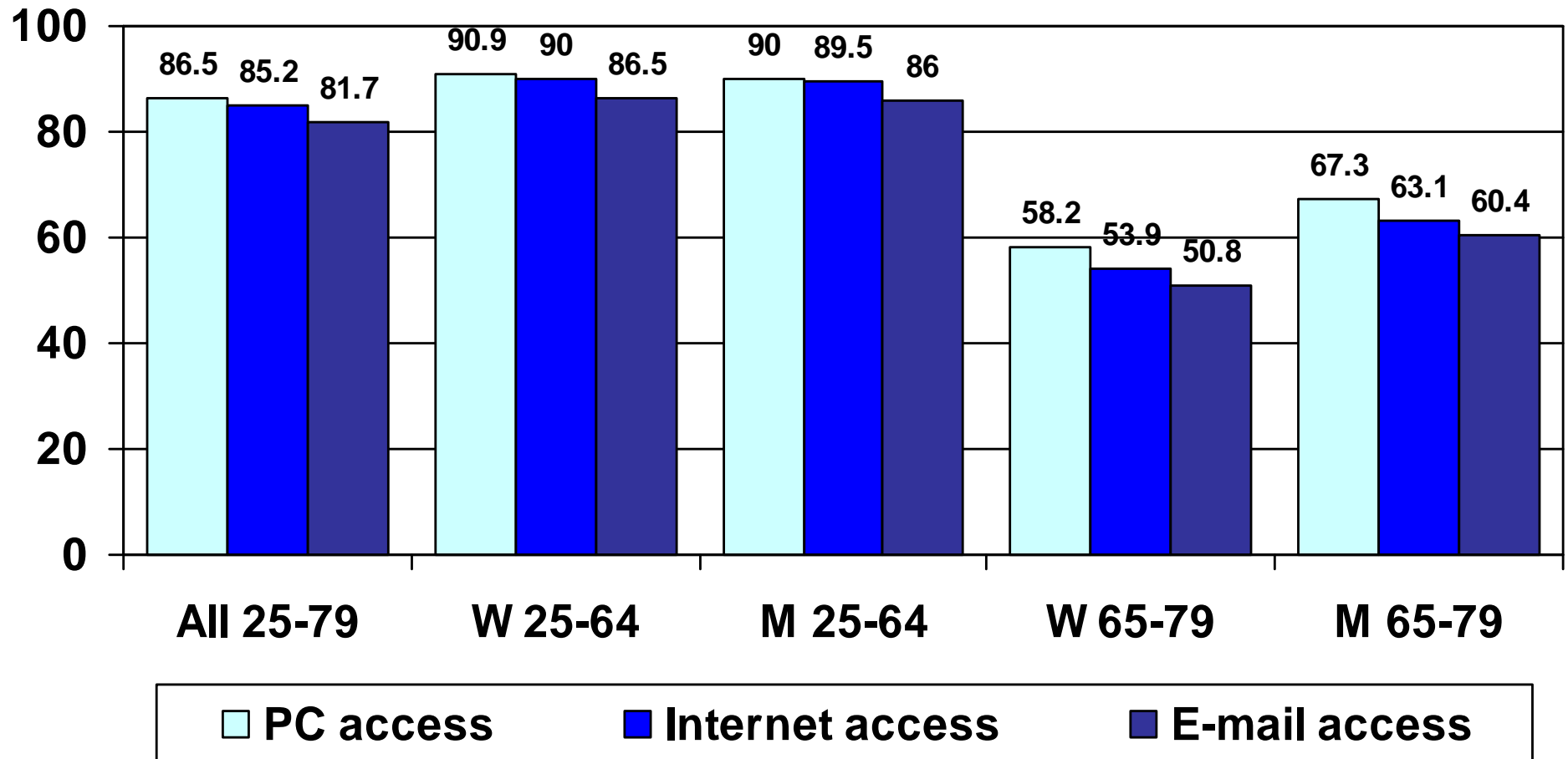
2005 Member Health Survey Response Rates, Overall and by Age-Gender Group



2005 Member Health Survey Respondent Sample, Ages 25-79

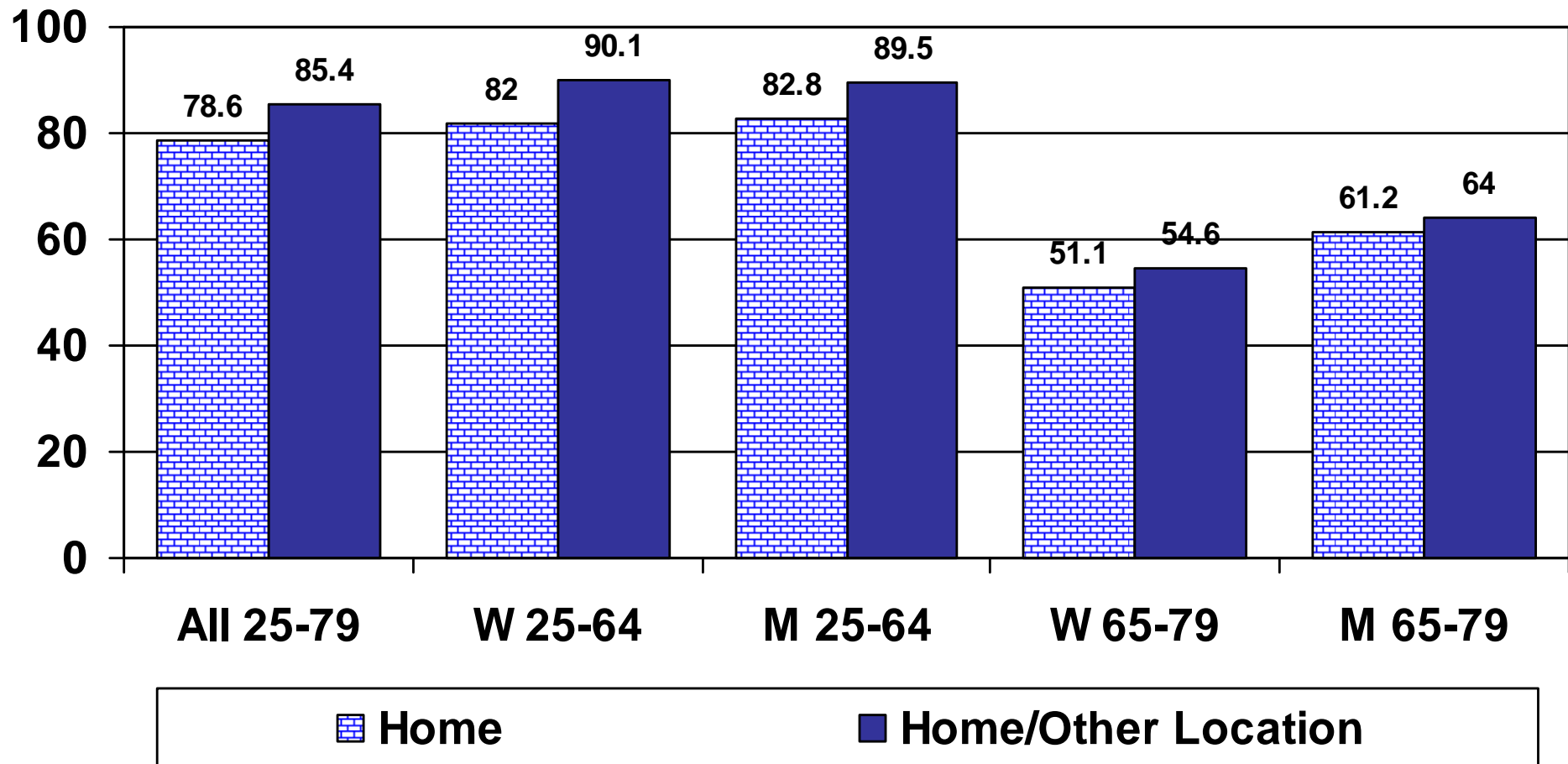
	<u>N</u>
All 25-79	16,957
Women 25-44	3,022
Women 45-64	3,171
Women 65-79	3,149
Men 25-44	1,870
Men 45-64	2,640
Men 65-79	3,105

Percentages of KP-NCal Members Aged 25-79 with PC, Internet and E-mail Access from Home or Other Location, 2005



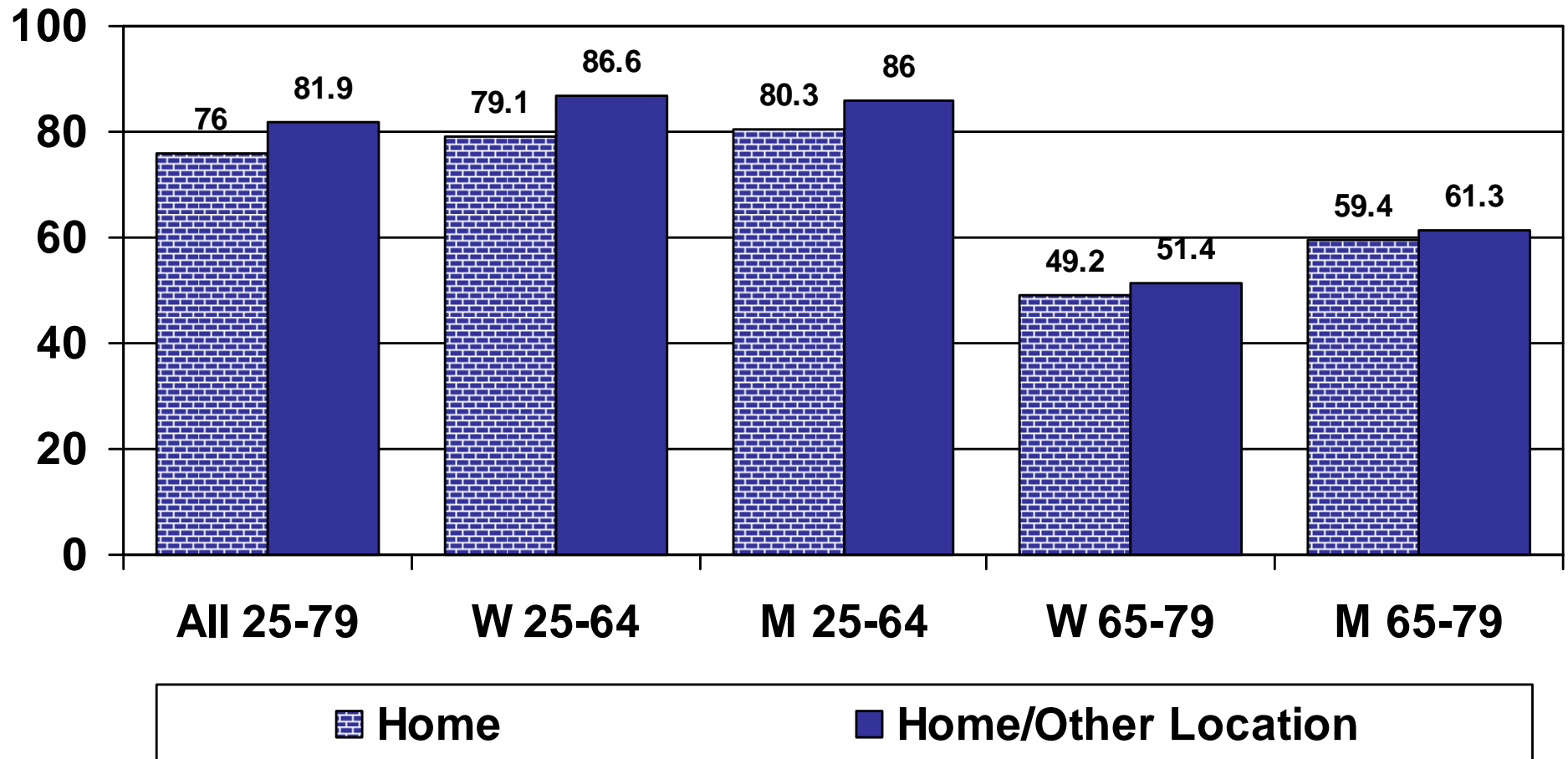
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 with Internet Access from Home or Home/Other Location, 2005



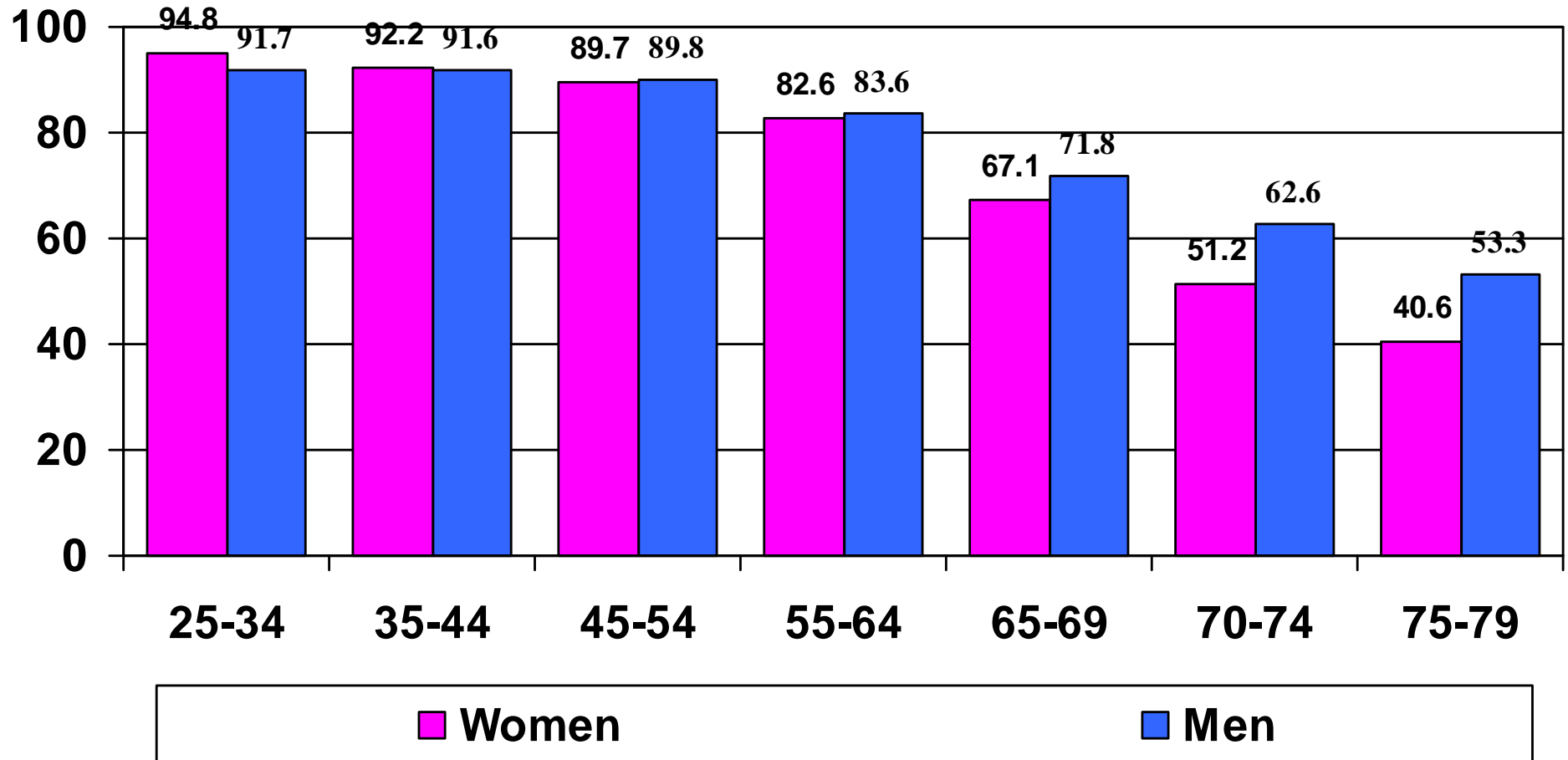
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 with E-mail Access from Home or Home/Other Location, 2005



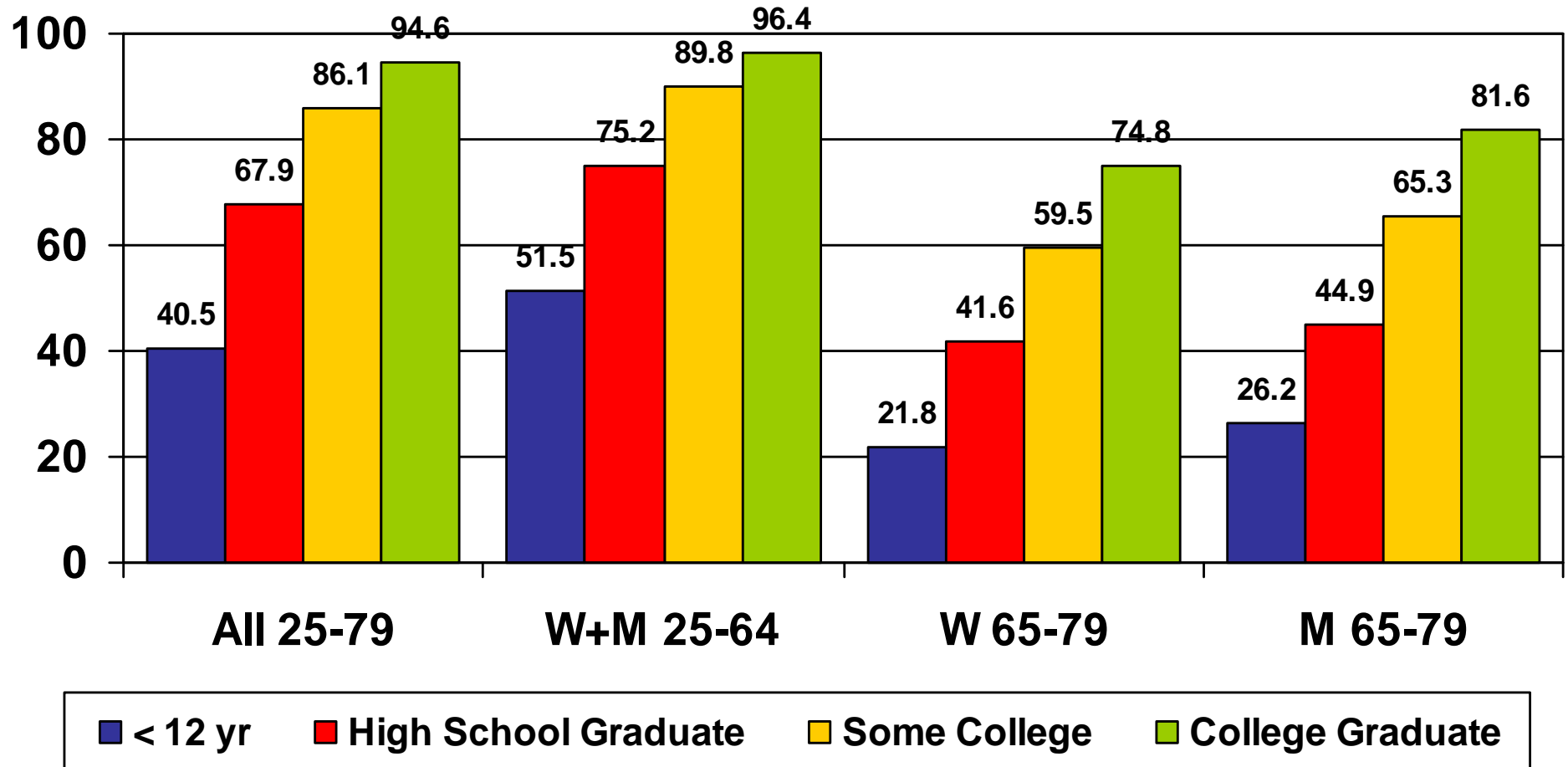
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Percentages of KP-NCal Members Aged 25-79 with Internet Access from Home or Other Location, by Age and Gender, 2005



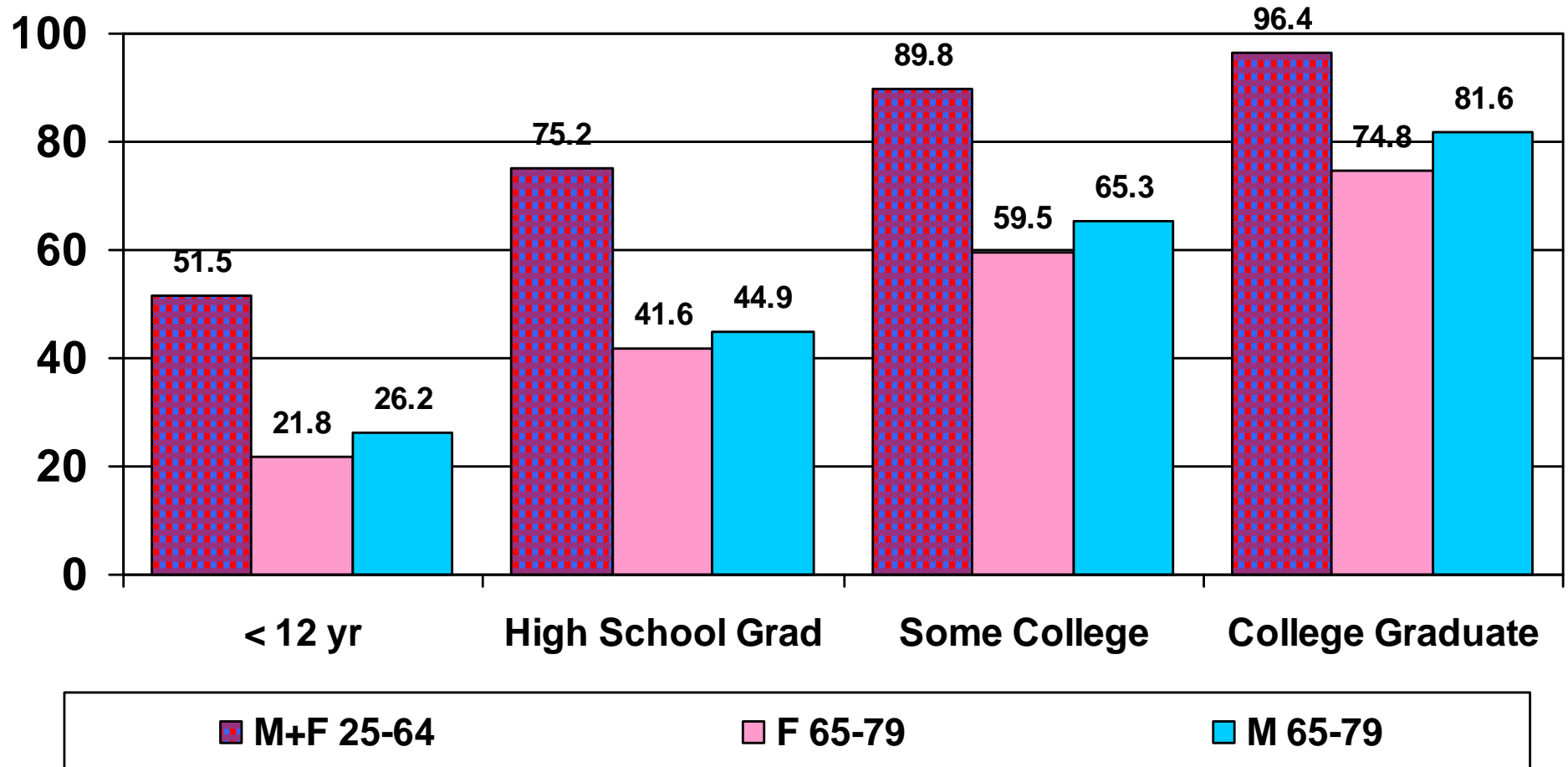
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 with Internet Access from Home or Other Location, by Education, 2005



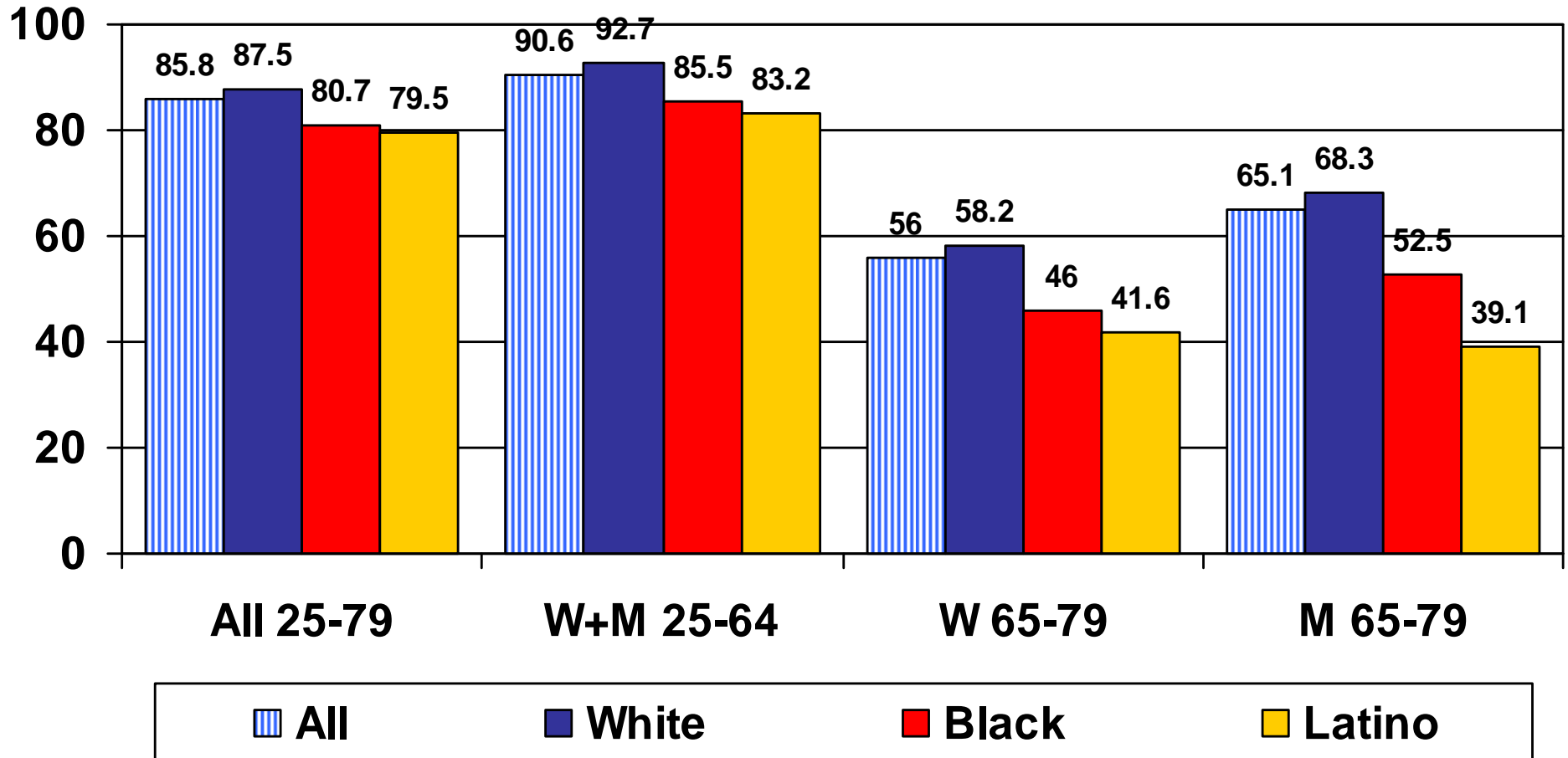
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey. No significant difference by gender among men and women aged 25-64.

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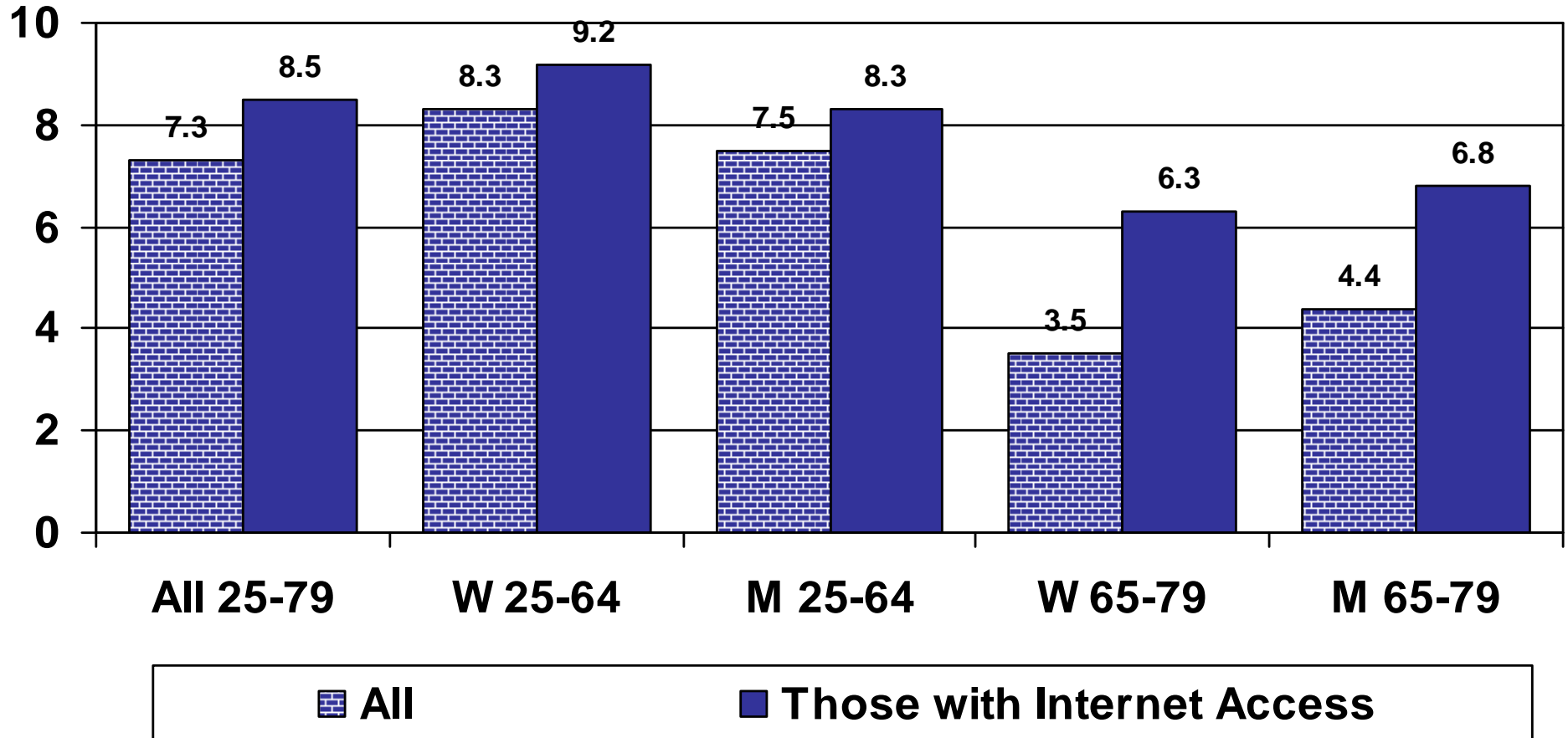
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Percentages of KP-NCal Members Aged 25-79 with Internet Access from Home or Other Location, by Race/Ethnicity, 2005



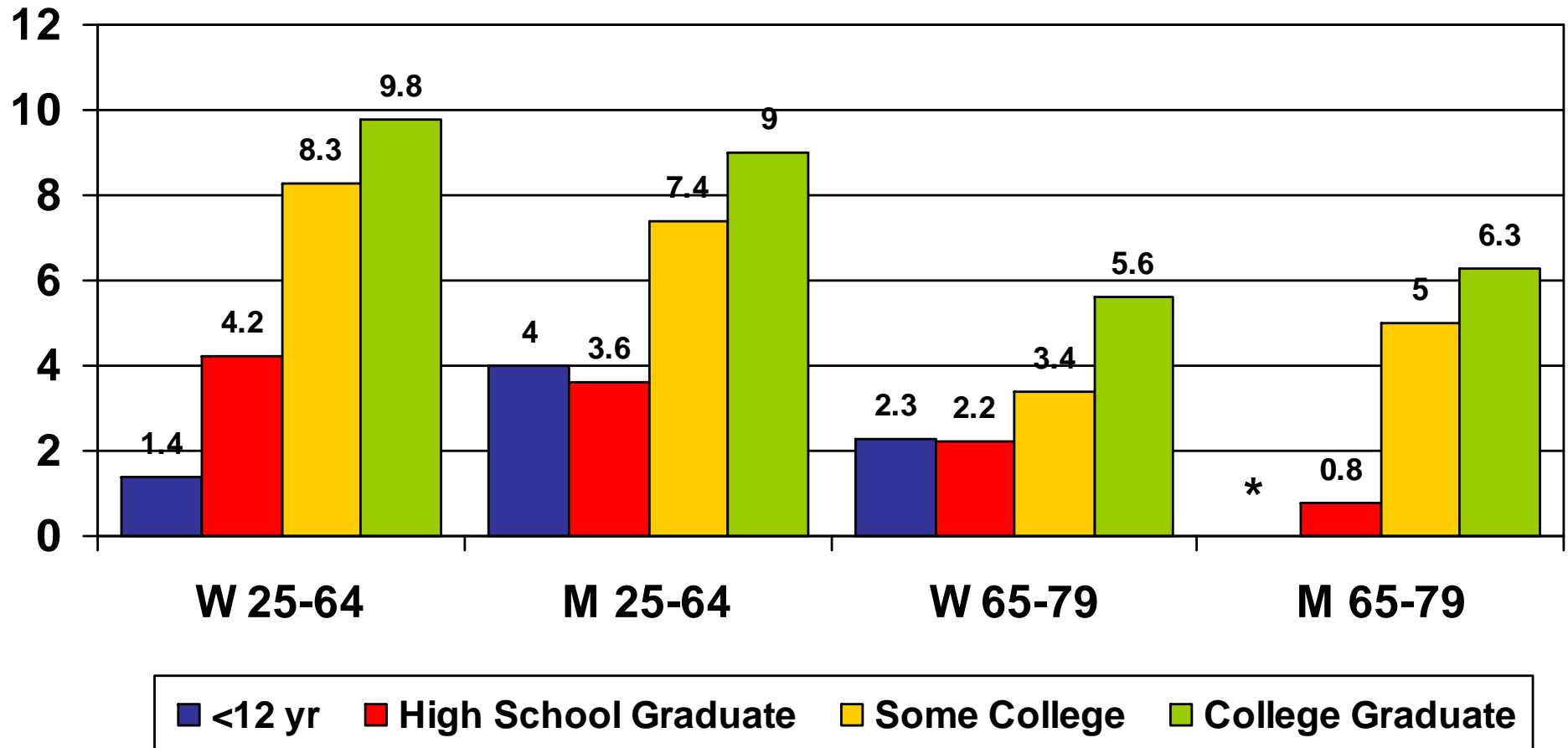
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

**Percentages of KP-NCal Members Aged 25-79 Who
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Participate in Online Chat-rooms or Healthy Lifestyle Programs
During the Past Year, 2005**



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

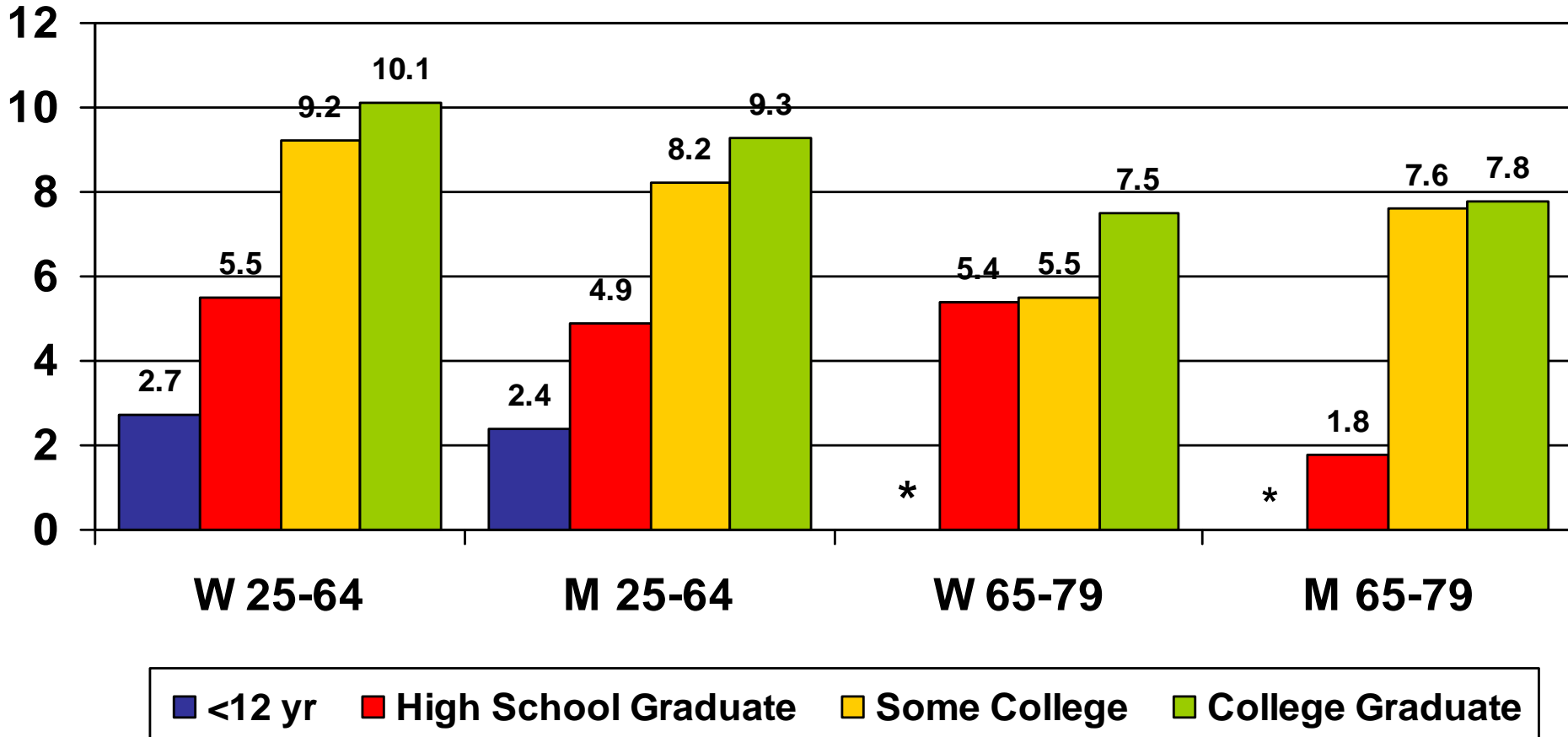
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* Estimate too unstable to report.

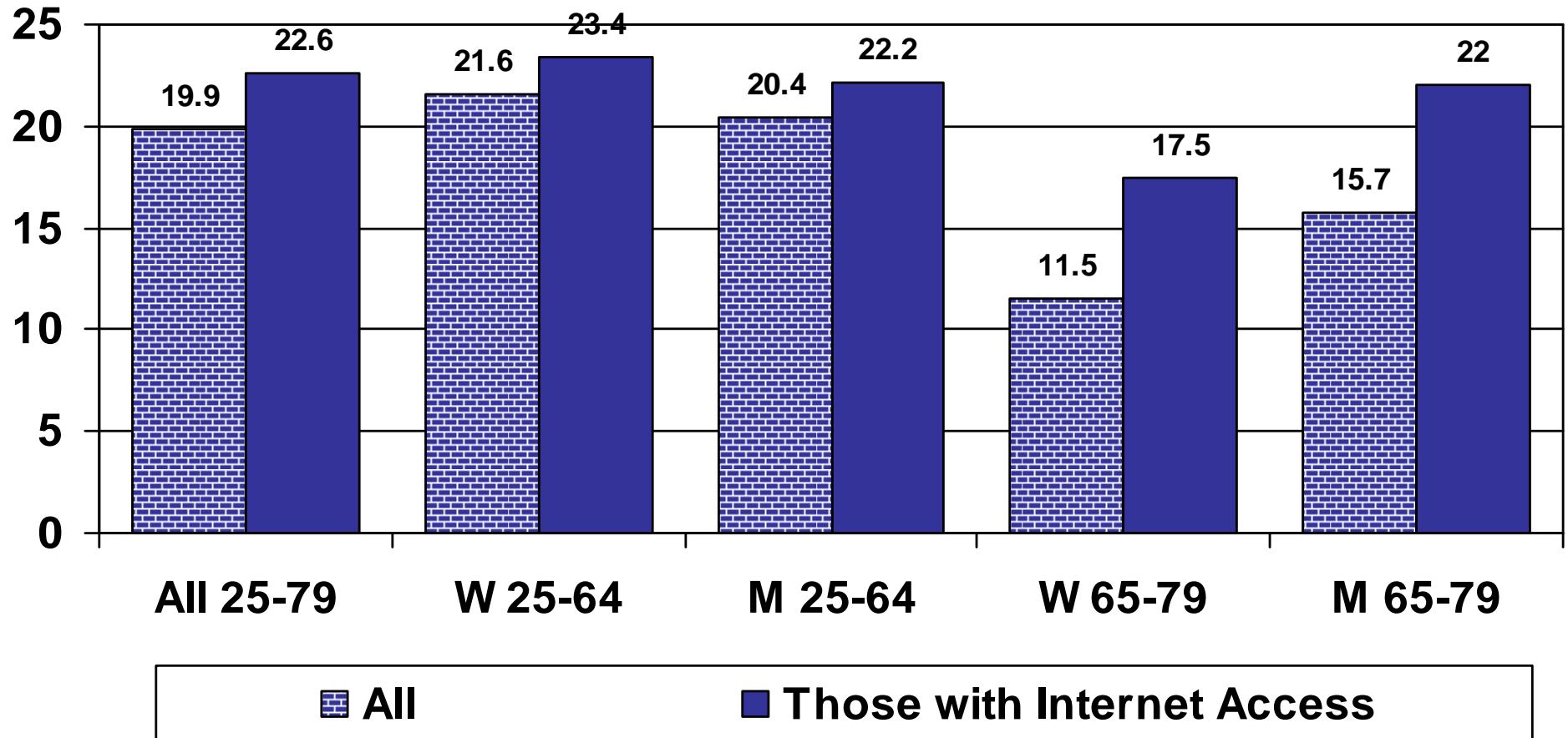
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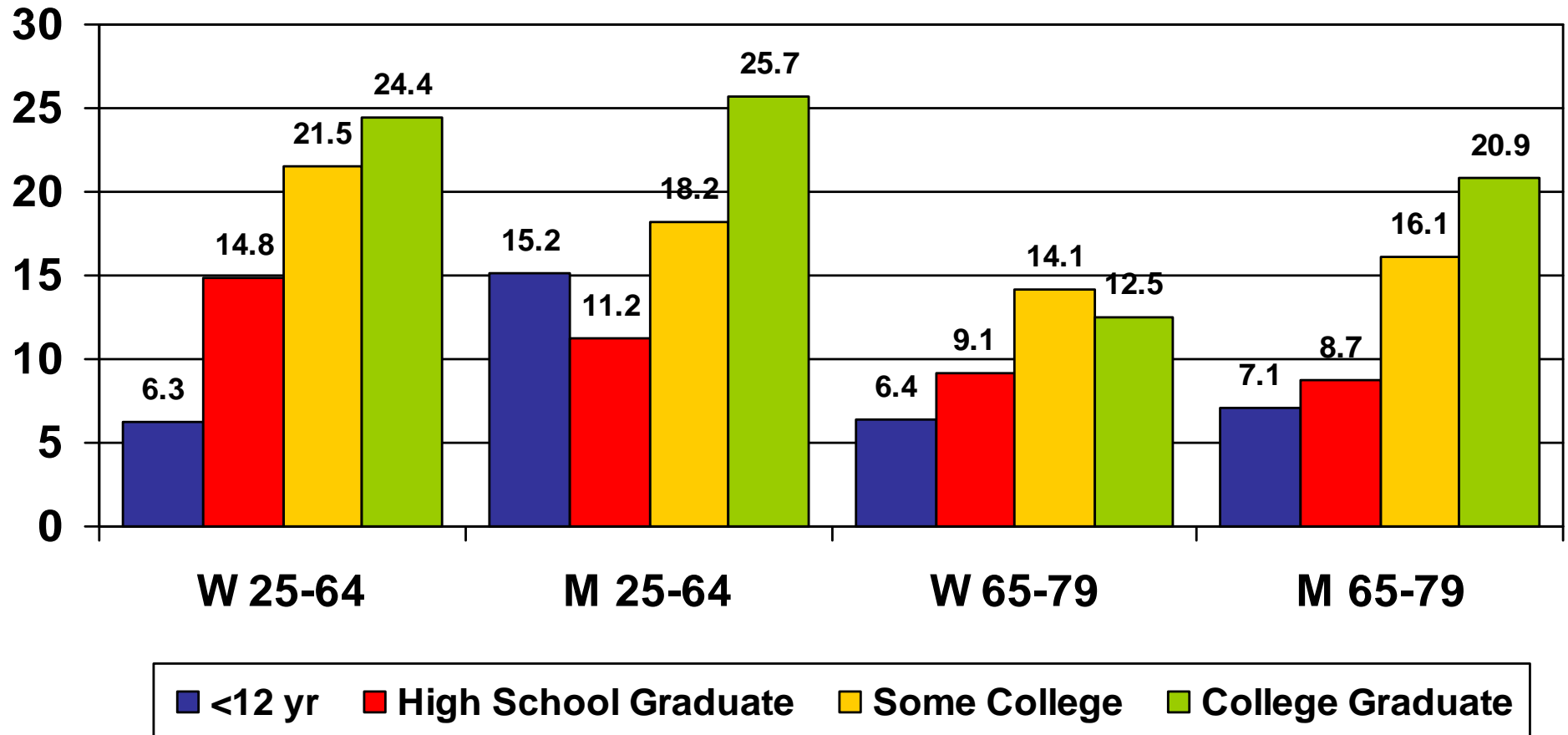
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Percentages of KP-NCal Members Aged 25-79 Who Used Kaiser's Member Website to Make Appointments, Refill Prescriptions, or Communicate with Kaiser Staff During the Past Year, 2005



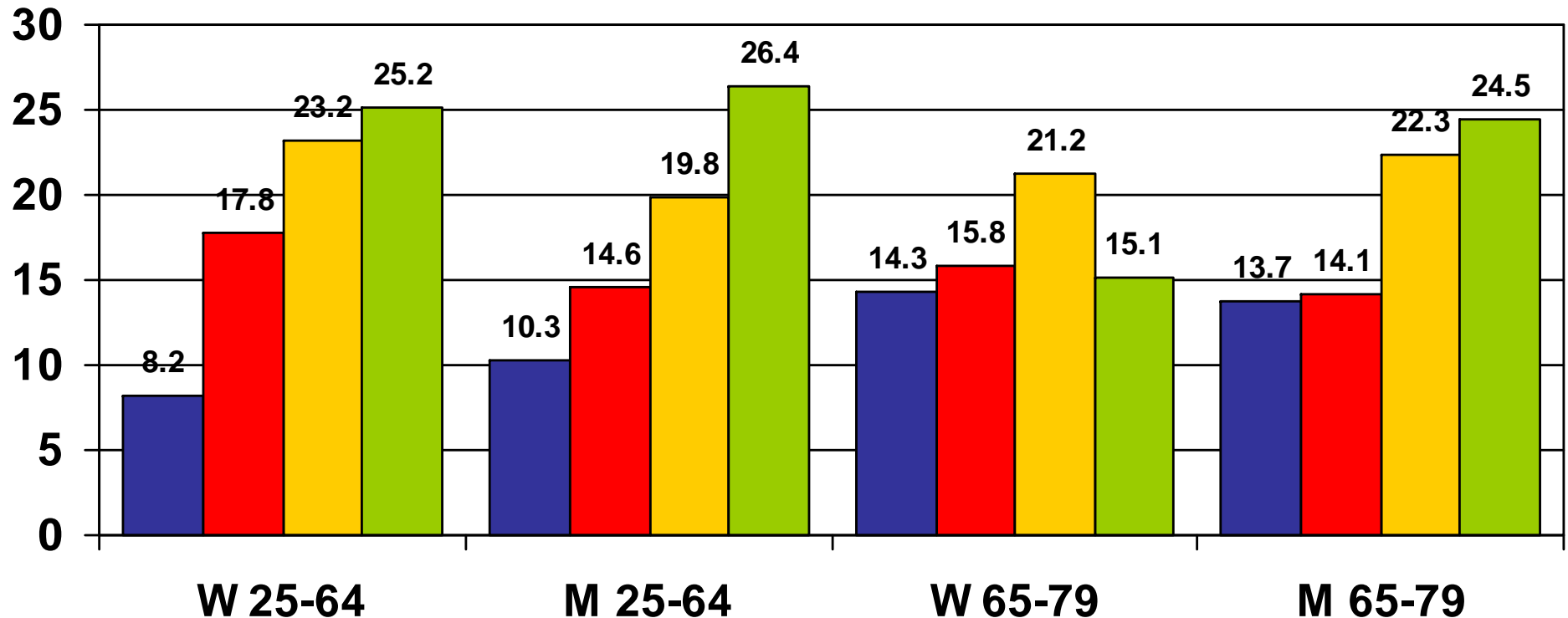
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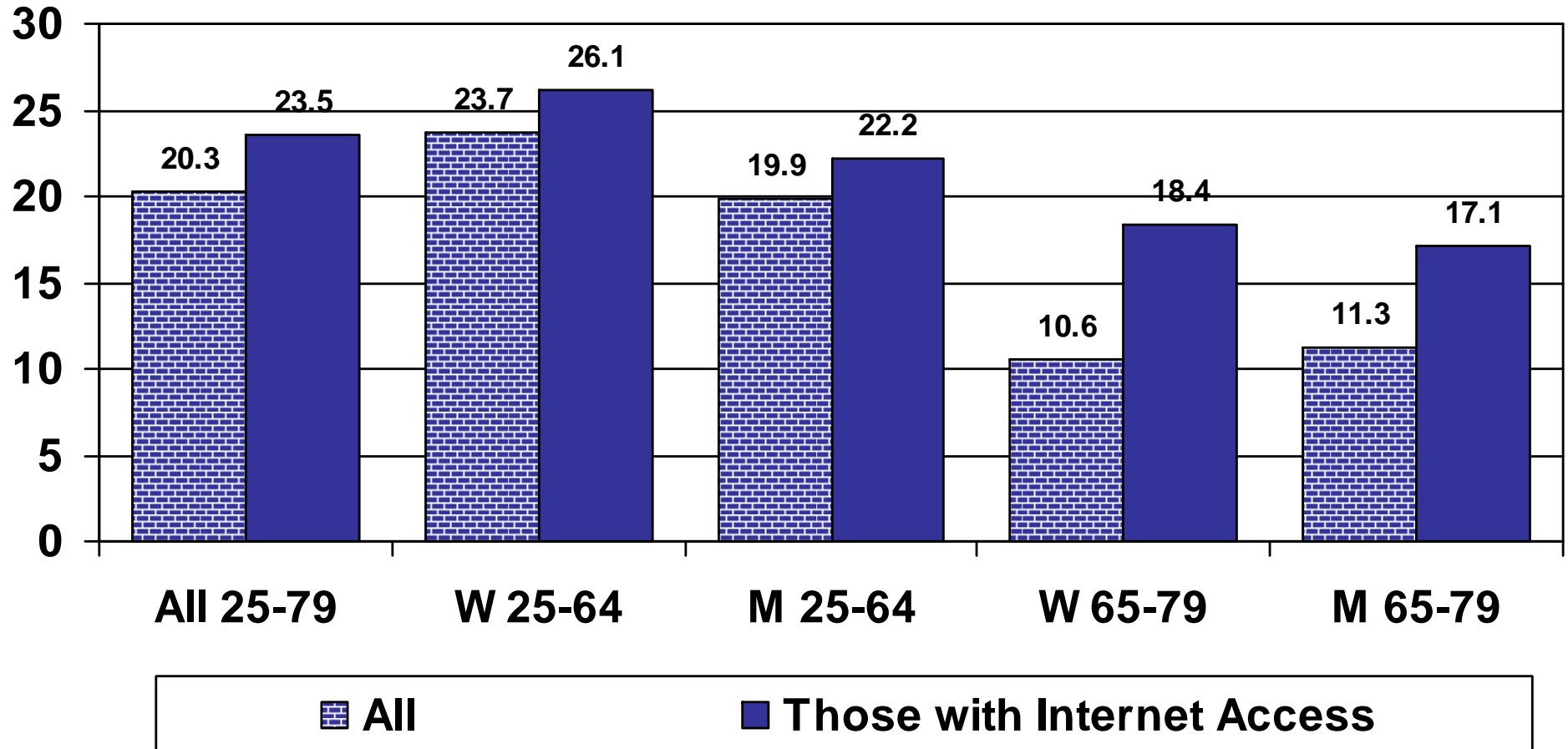
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■ <12 yr
 ■ High School Graduate
 ■ Some College
 ■ College Graduate

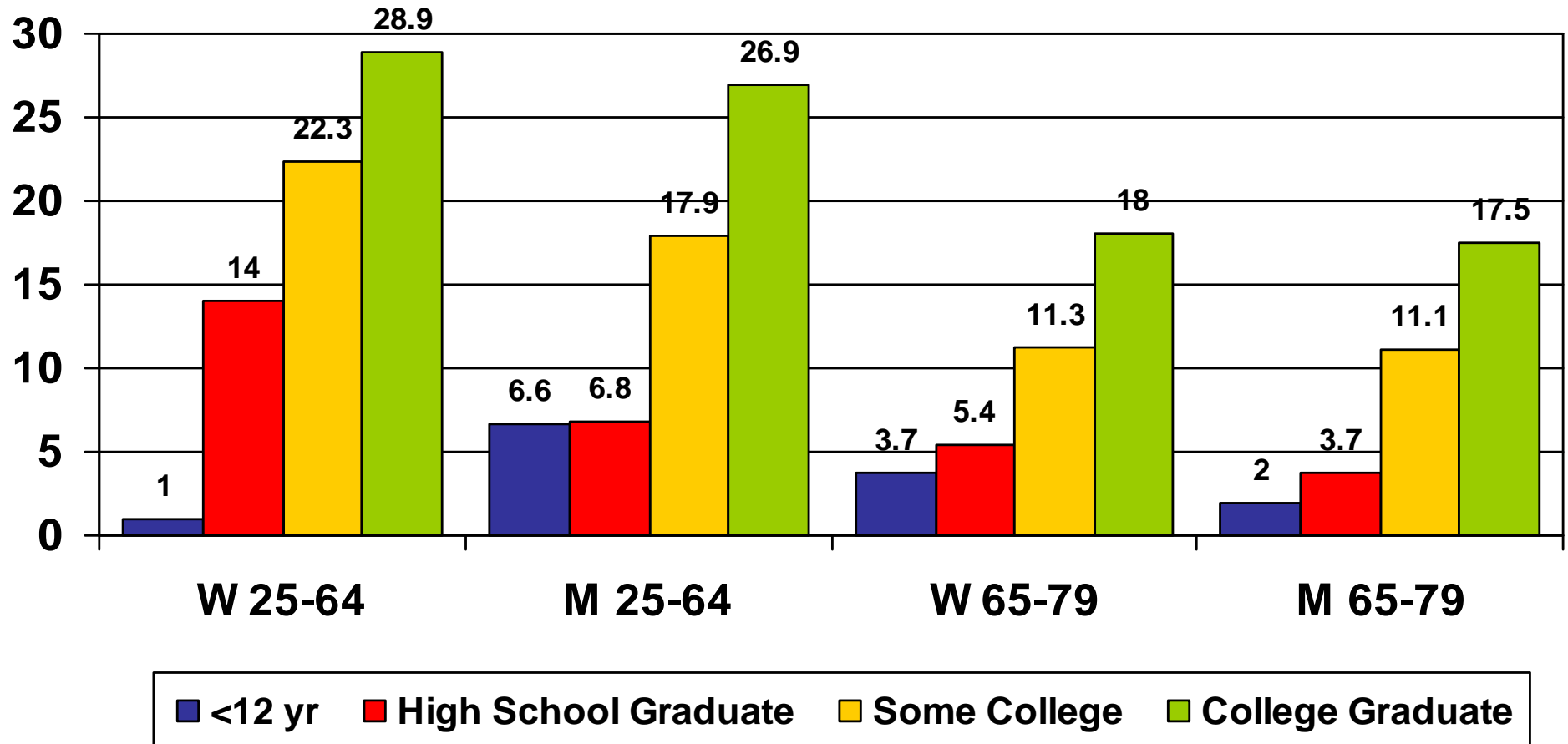
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 Who Got Health Information or Advice from an Internet Website During the Past Year, 2005



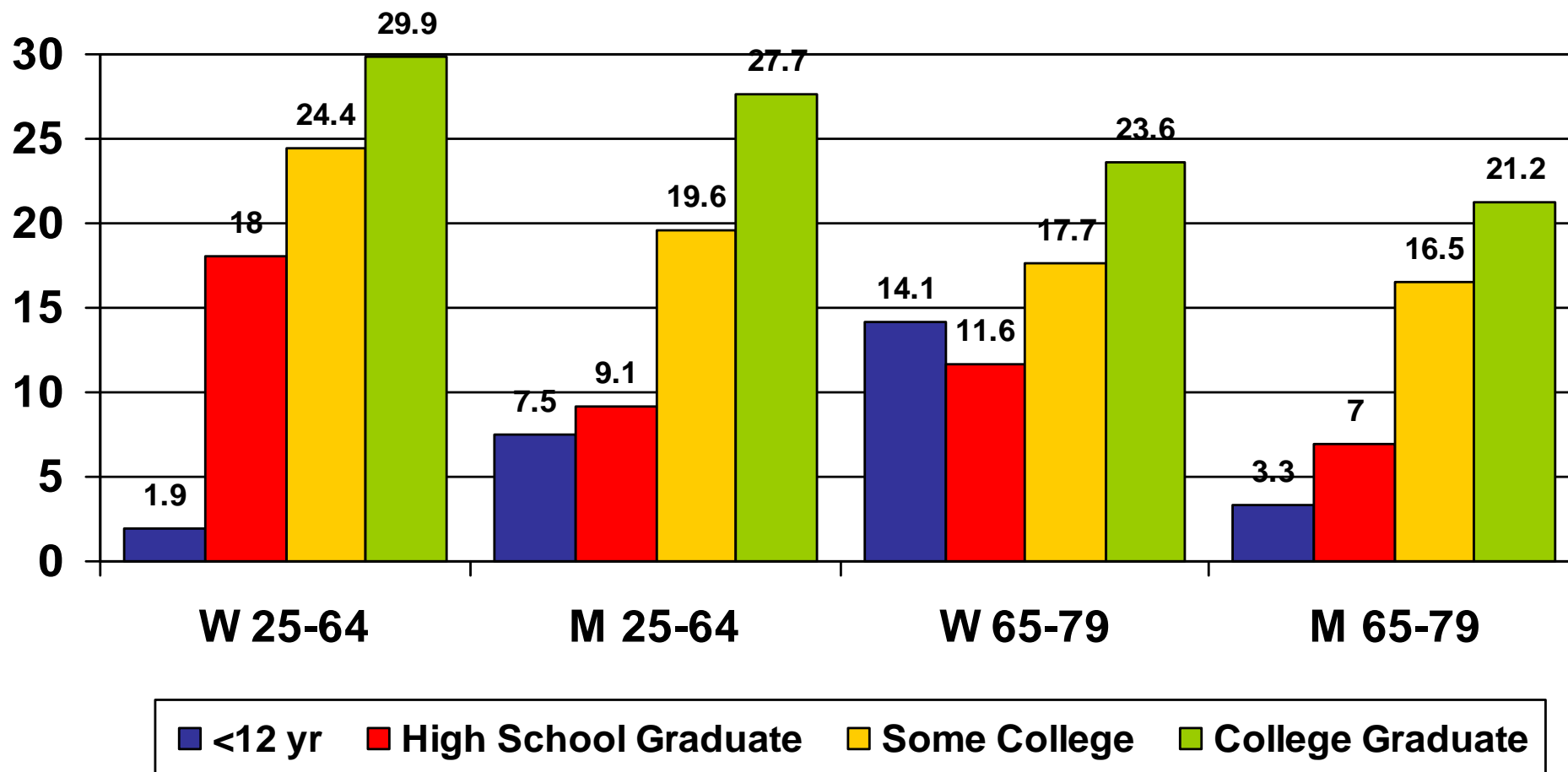
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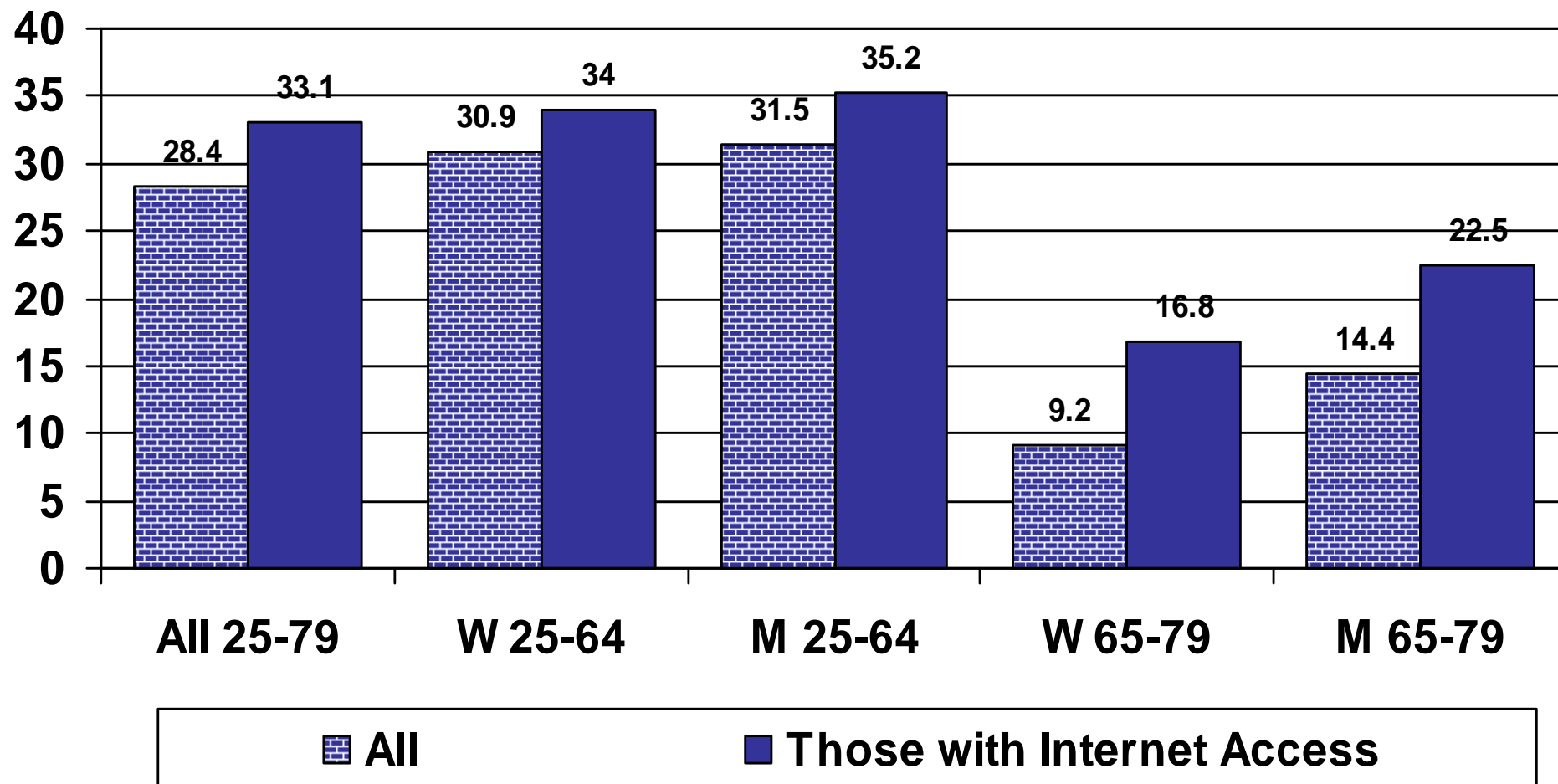
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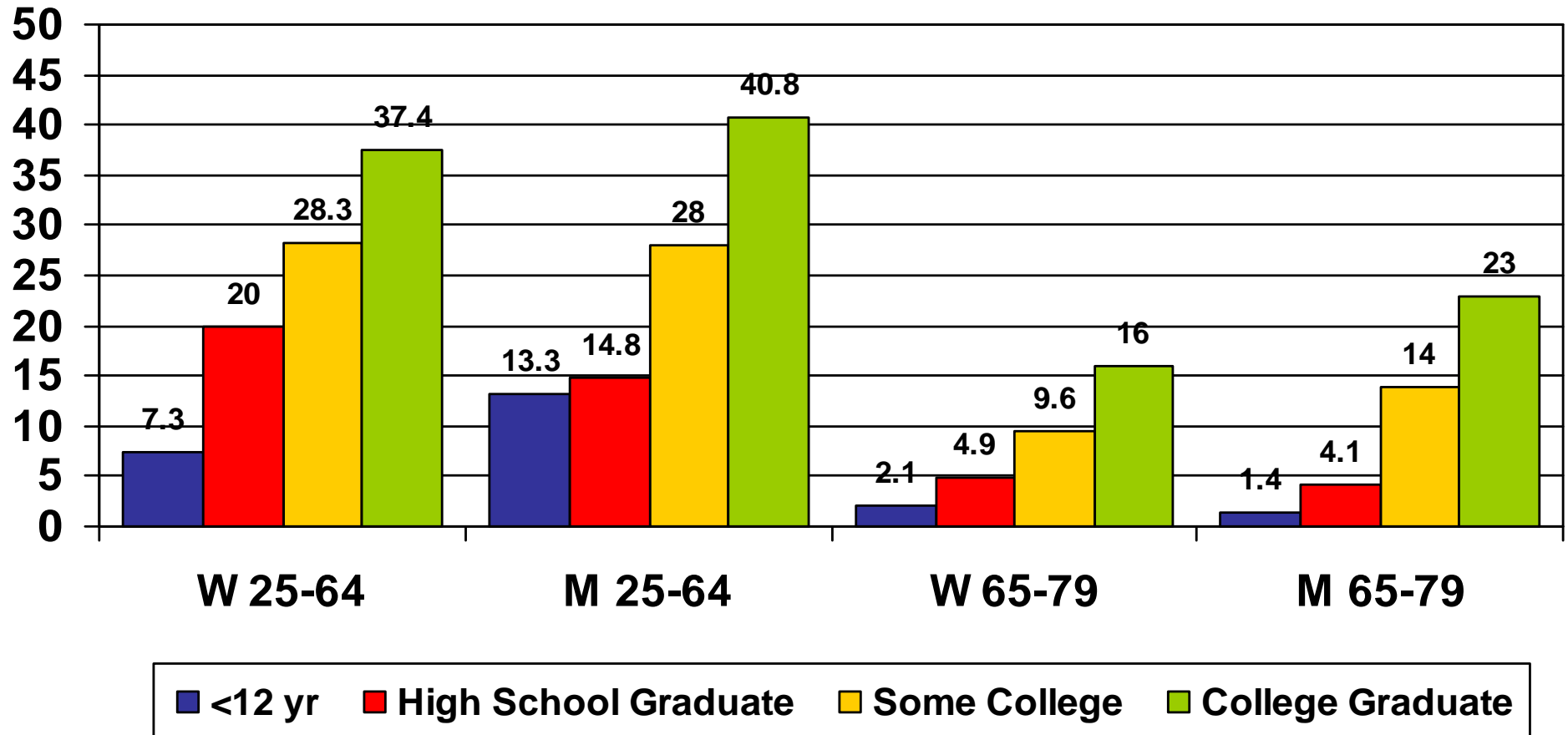
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 Interested in Getting Information from Internet Websites About How to Take Care of Health Problems and Improve Health, 2005



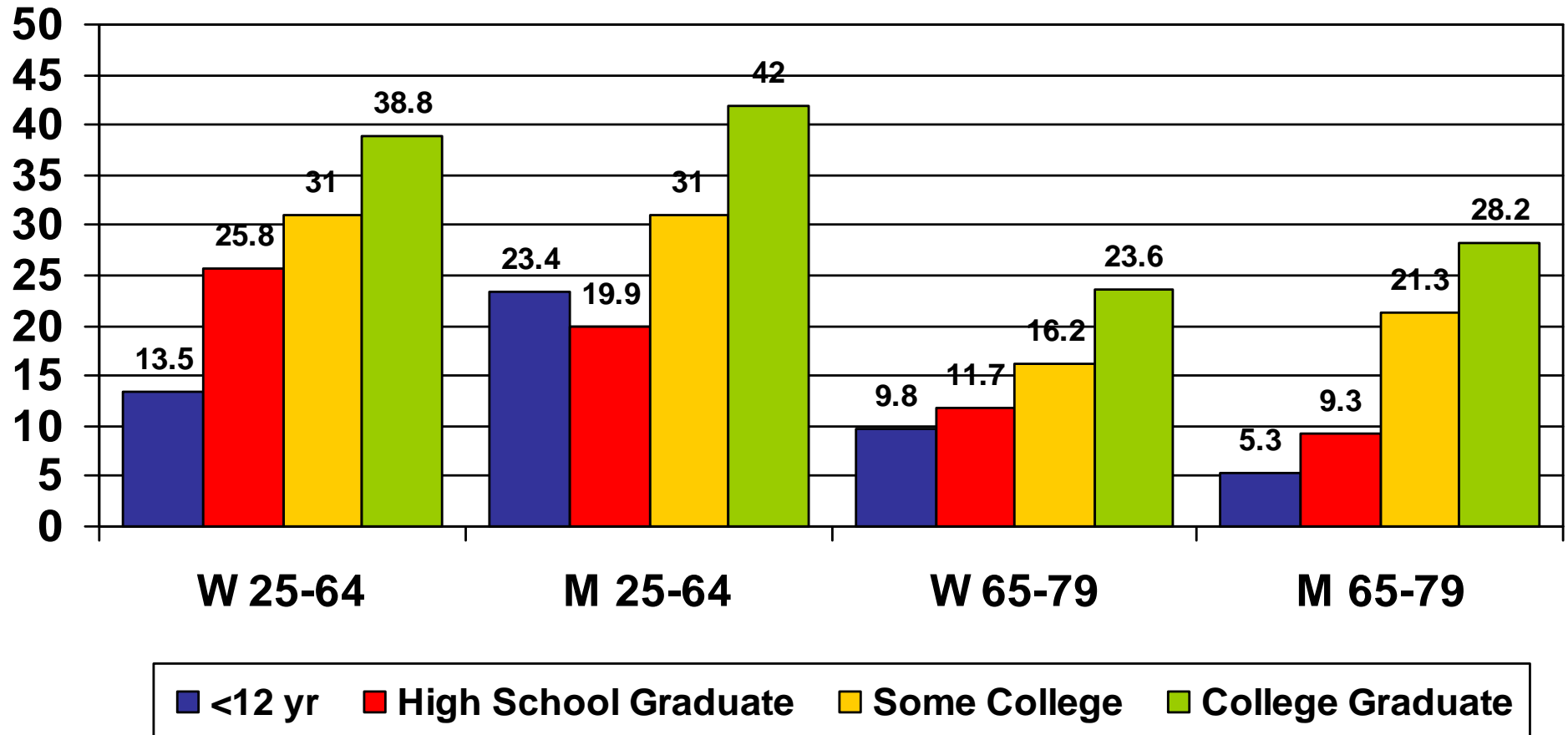
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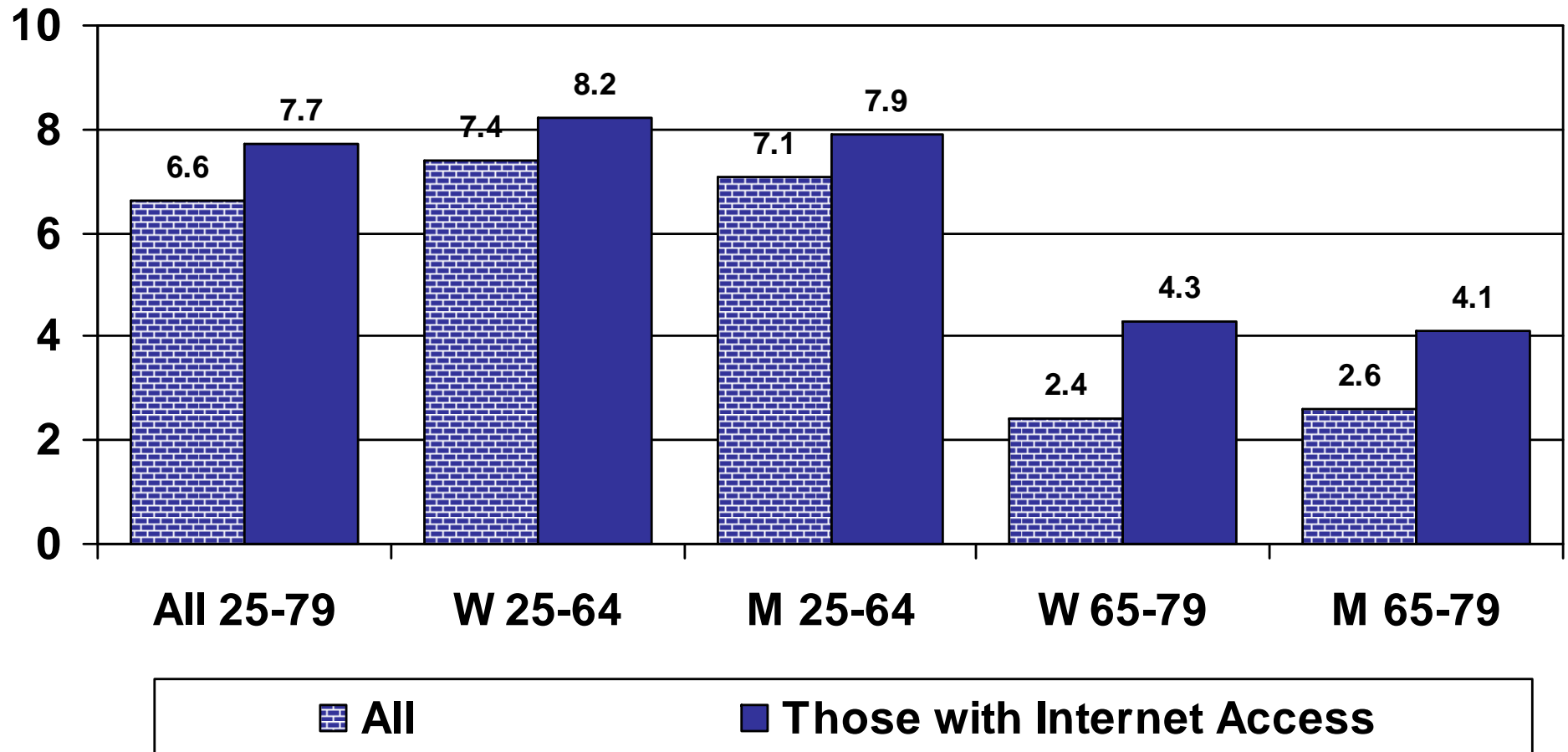
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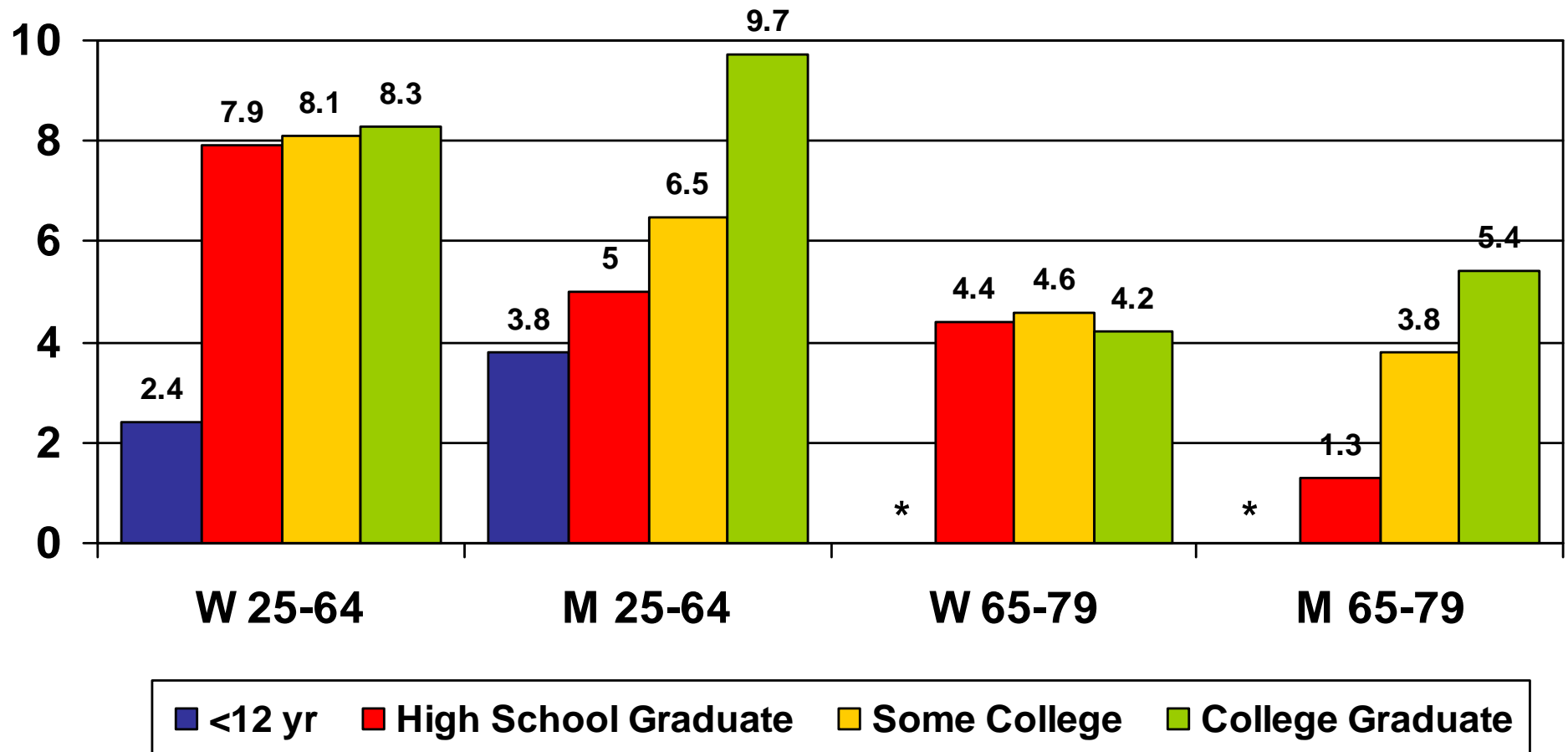
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 Interested in Multi-Session Health Education Programs Using E-Mail or Internet, 2005



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

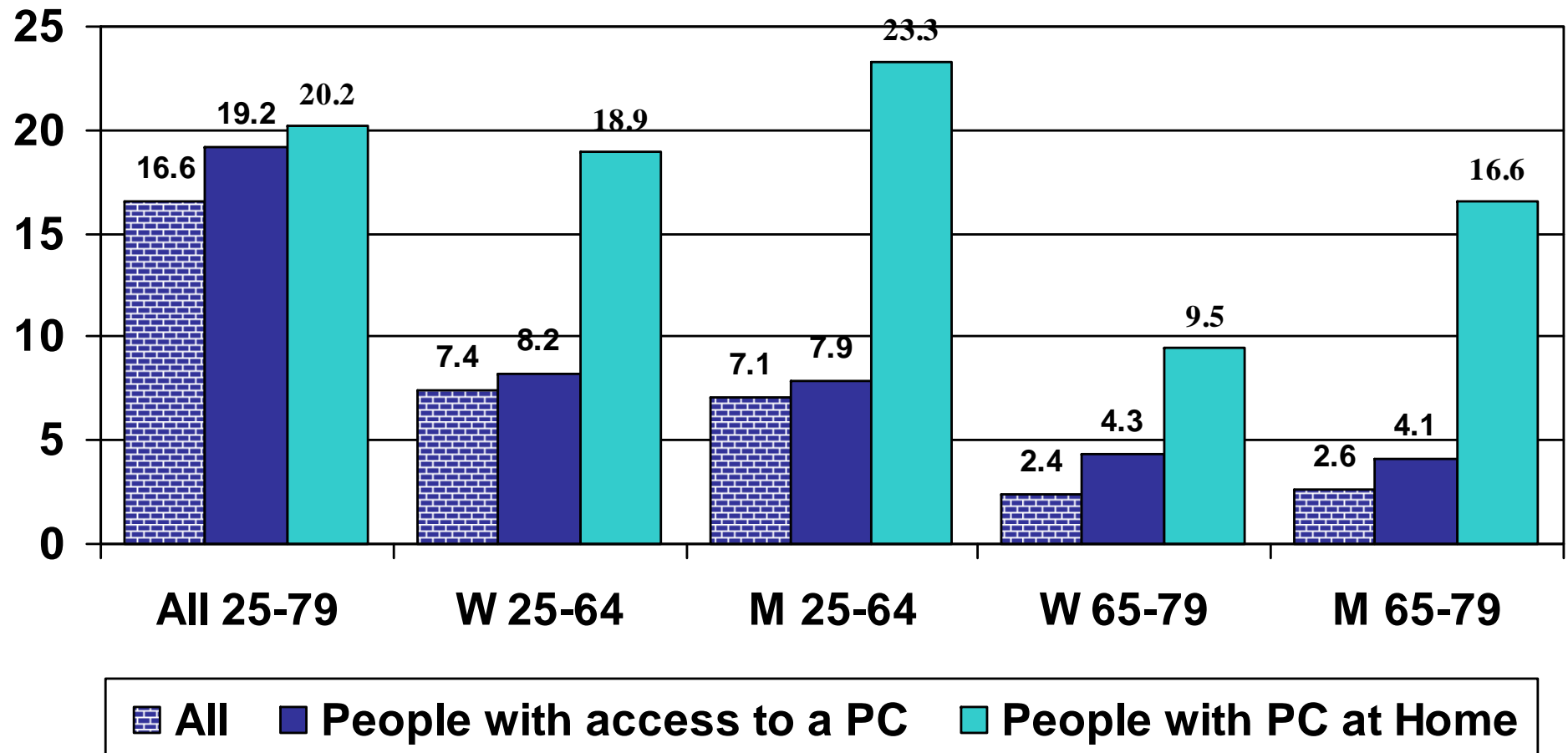
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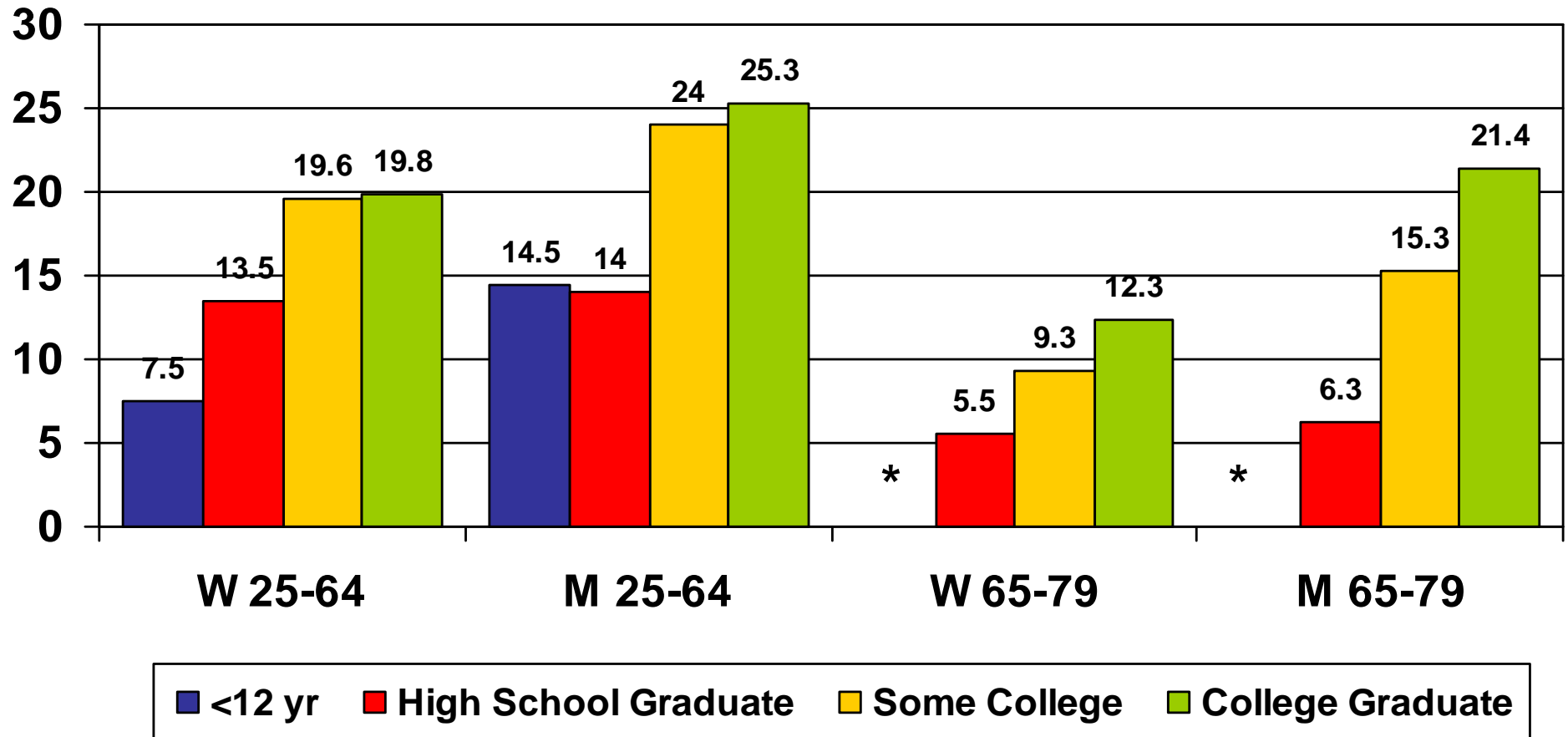
* Too unstable an estimate to report.

Percentages of KP-NCal Members Aged 25-79 Interested in Using a Computer-Based Program to Learn About Taking Care of Their Health, 2005



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

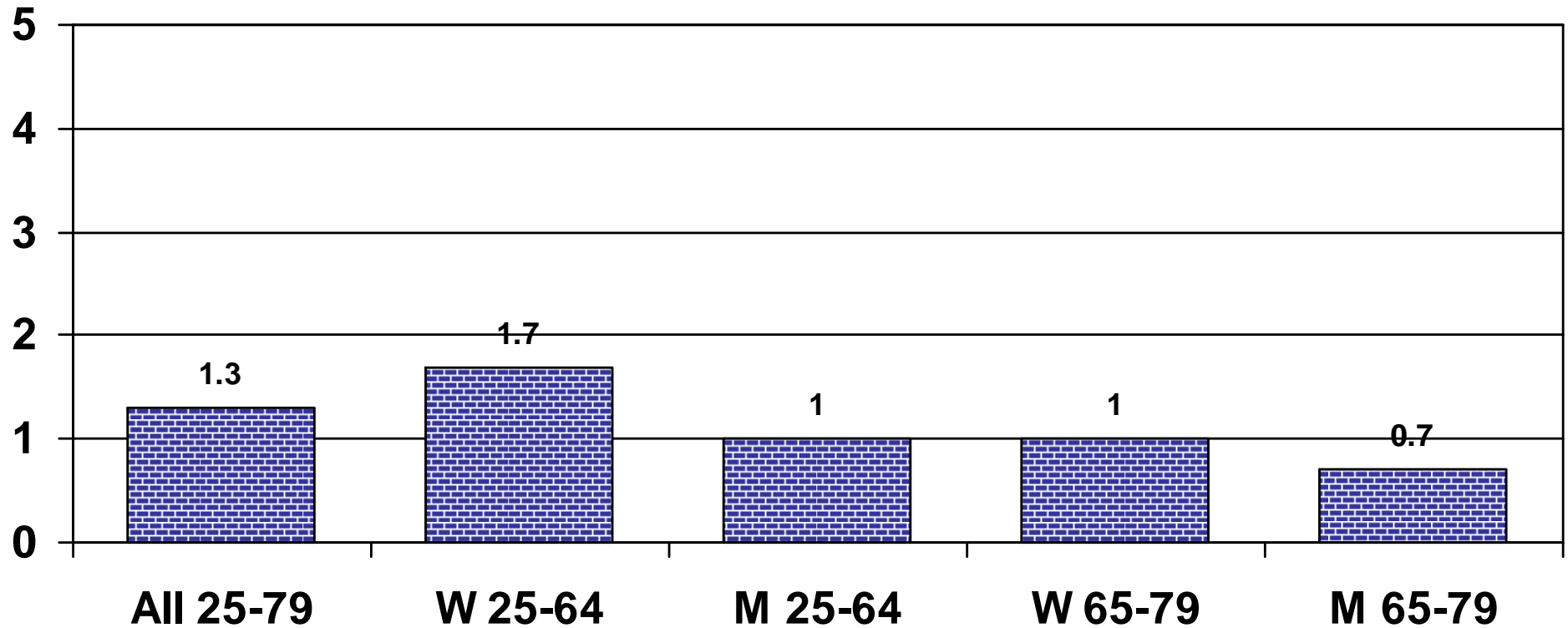
**Percentages of KP-NCal Members Aged 25-79
with Access to a Personal Computer at Home
Interested in Using a Computer-Based Program to Learn About
Taking Care of Their Health, by Education, 2005**



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

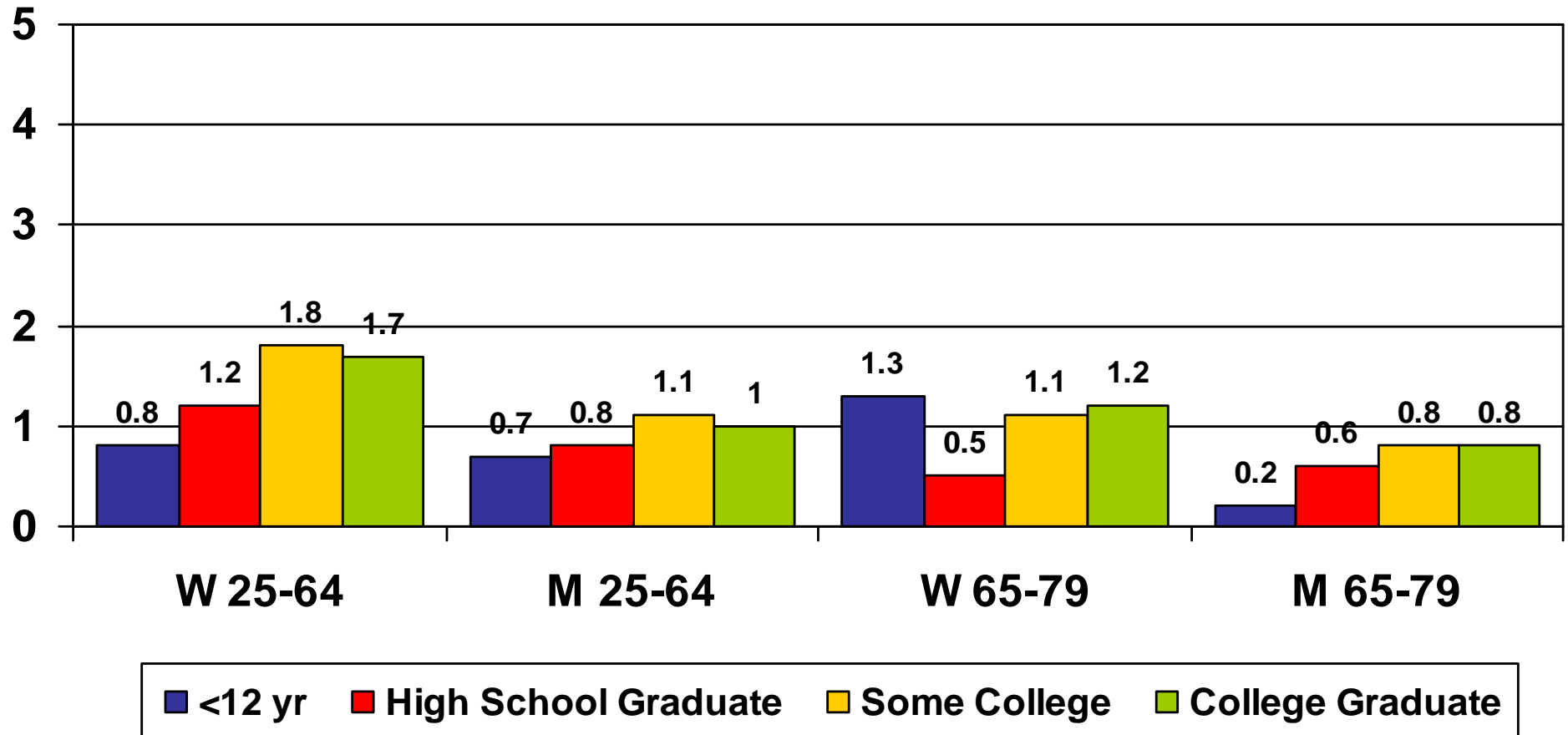
* Too unstable an estimate to report.

Percentages of KP-NCal Members Aged 25-79 Interested in Multi-Session Health Education Programs Done Over the Phone, 2005



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

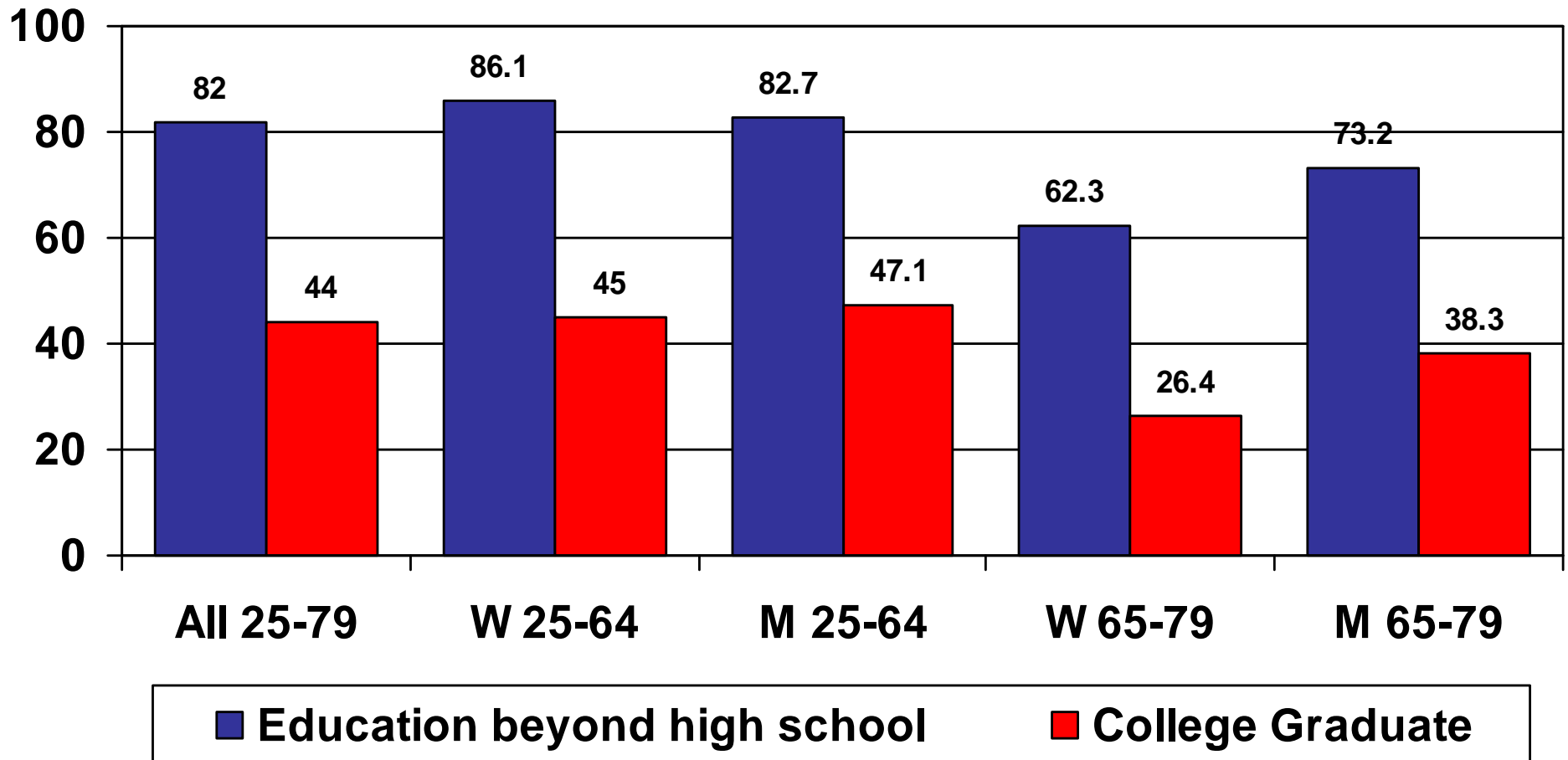
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Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

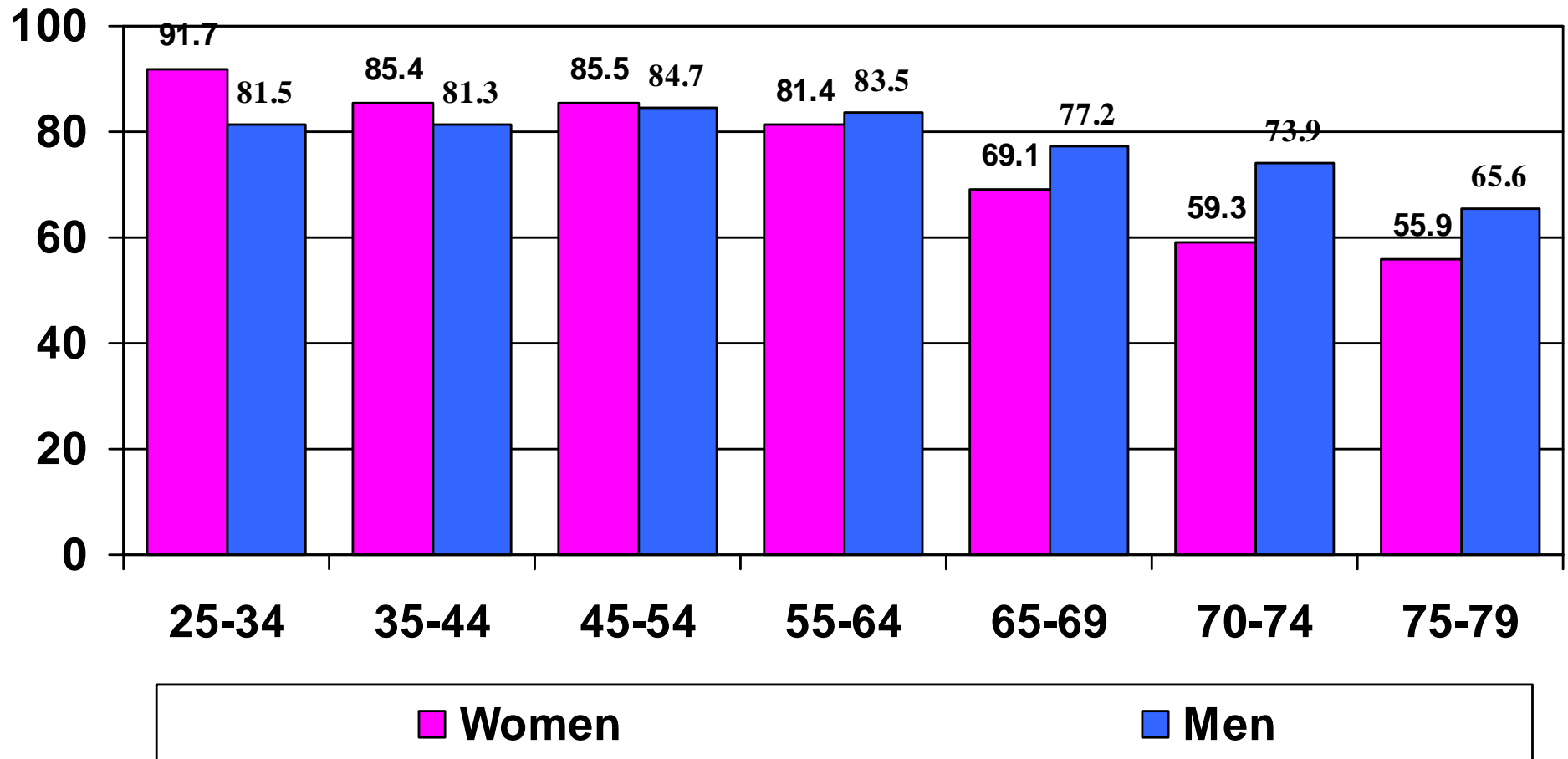
**Supplementary Slides:
Educational Attainment of Adult Members by
Gender and Age Group, 2005**

Educational Attainment of the KP-NCal Membership Aged 25-79 in 2005



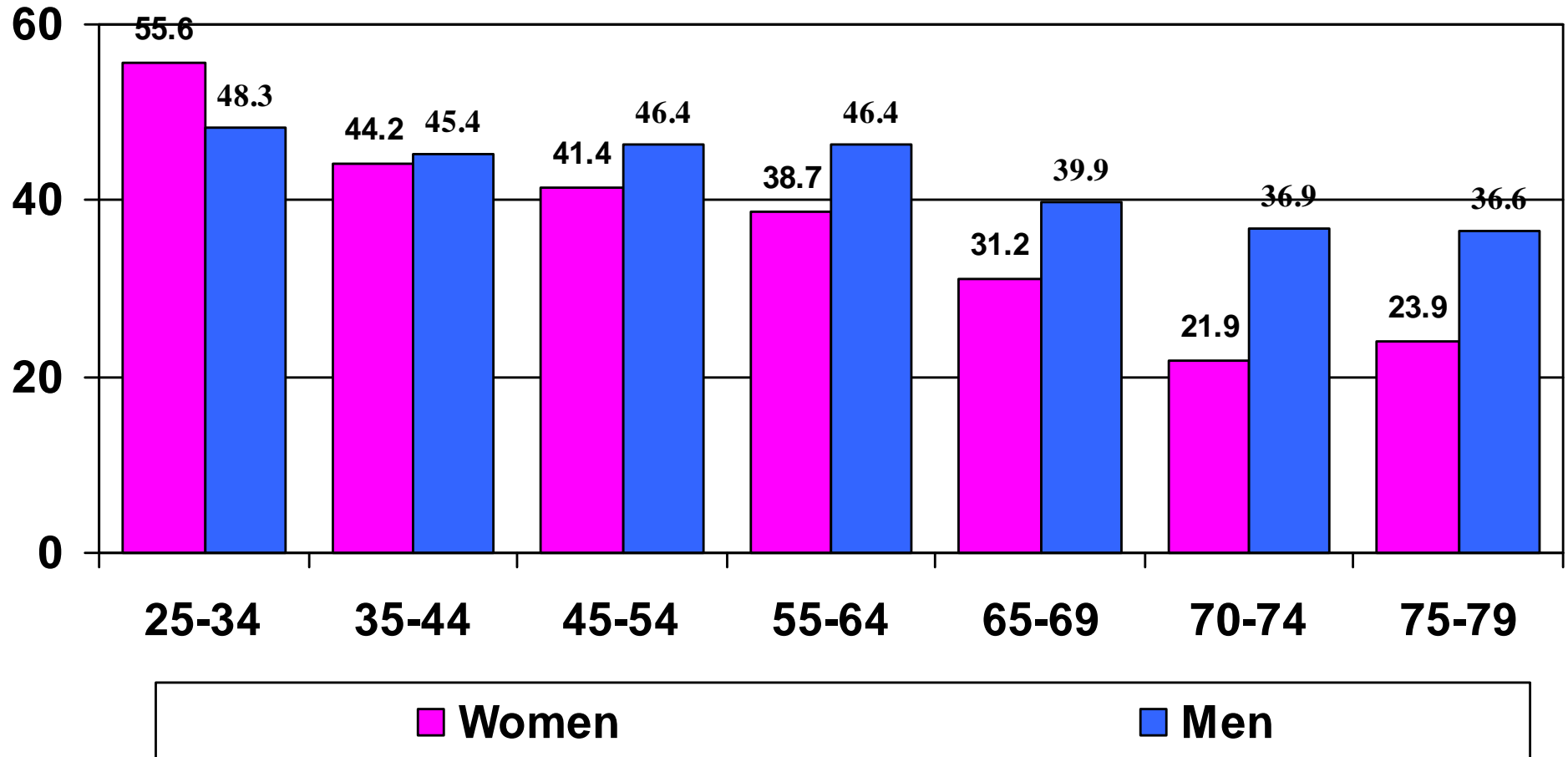
Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.

Percentages of KP-NCal Members Aged 25-79 with Post-Secondary Education, by Age and Gender, 2005



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.
Post-secondary education = Some college/technical school, incl. A.A. degree, or college degree.

Percentages of KP-NCal Members Aged 25-79 Who Were College Graduates, by Age and Gender, 2005



Estimated from the 2005 Kaiser Permanente-NCal Member Health Survey, weighted to the age-gender and geographic composition of the adult membership at the time of the survey.