

Understanding Change in Kittitas County

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Presented by

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Professor and Chair

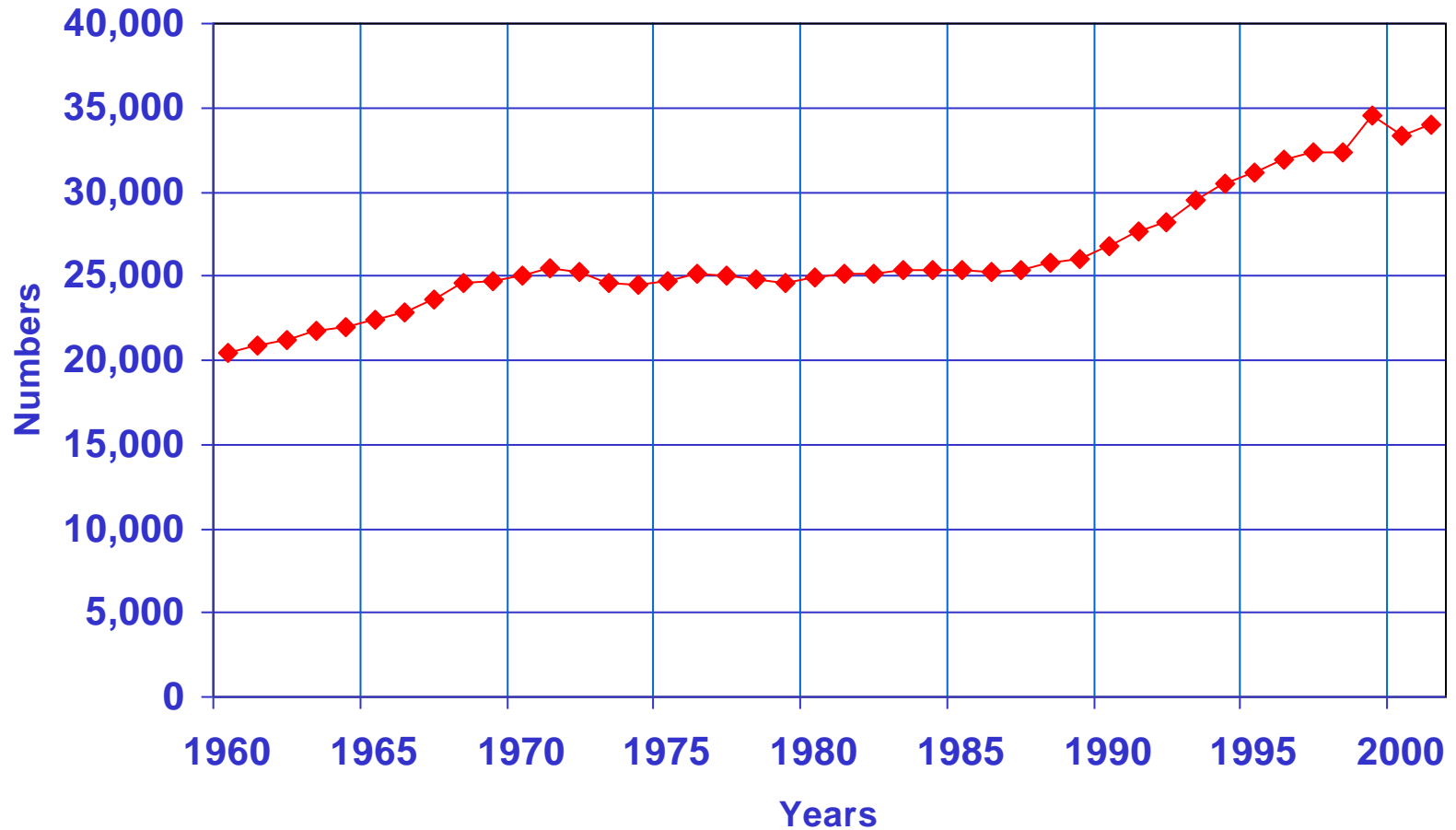
Dept. of Rural Sociology

Washington State University, Pullman, WA

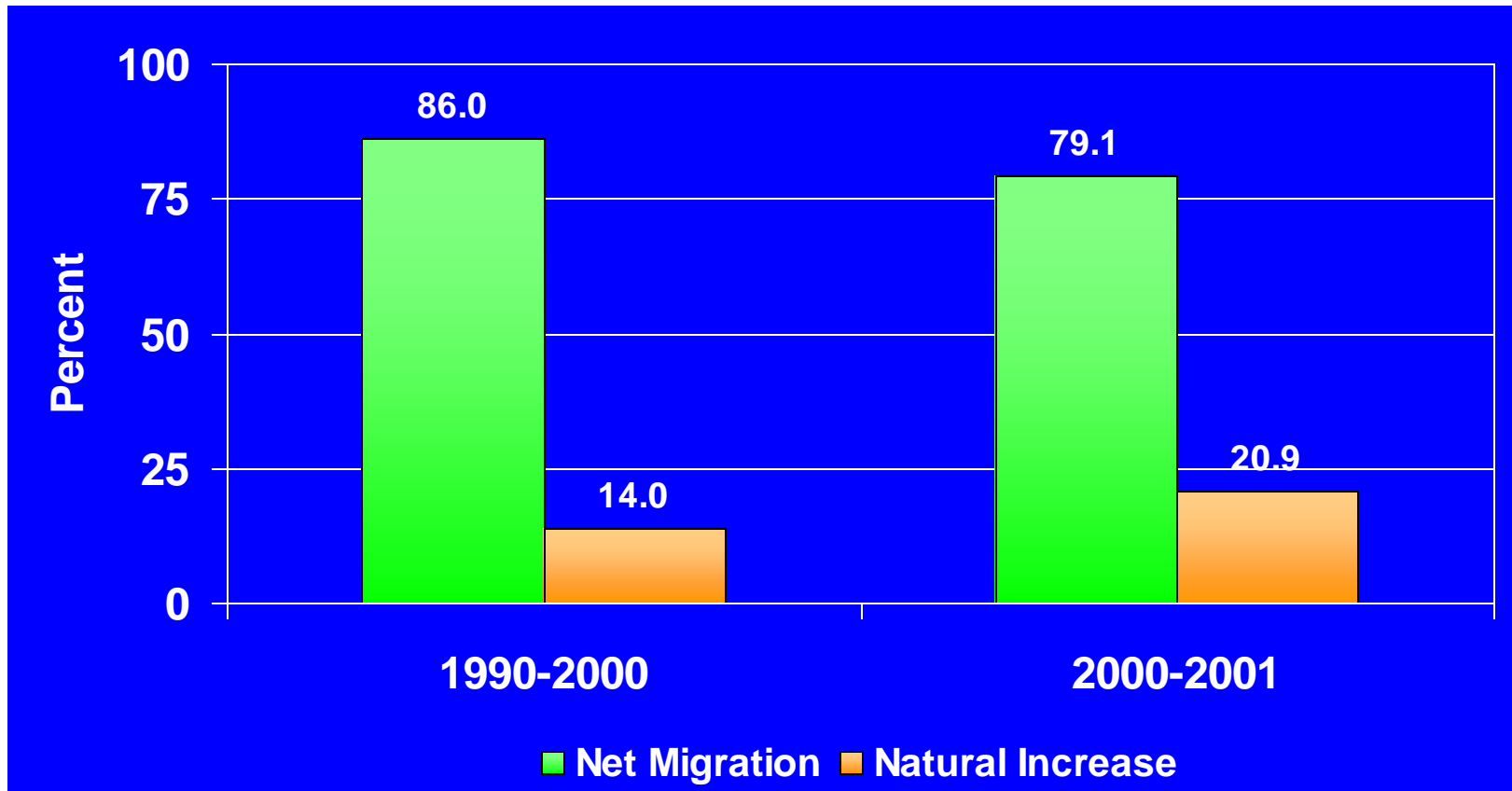
Broad Trends

- ❖ **Population and Age Structure Changes**
- ❖ **Increasing Race/Ethnic Diversity**
- ❖ **Changing Family Structures**
- ❖ **Education**
- ❖ **Labor Force**
- ❖ **Income**
- ❖ **Poverty**

Population Change in Kittitas County 1960-2001

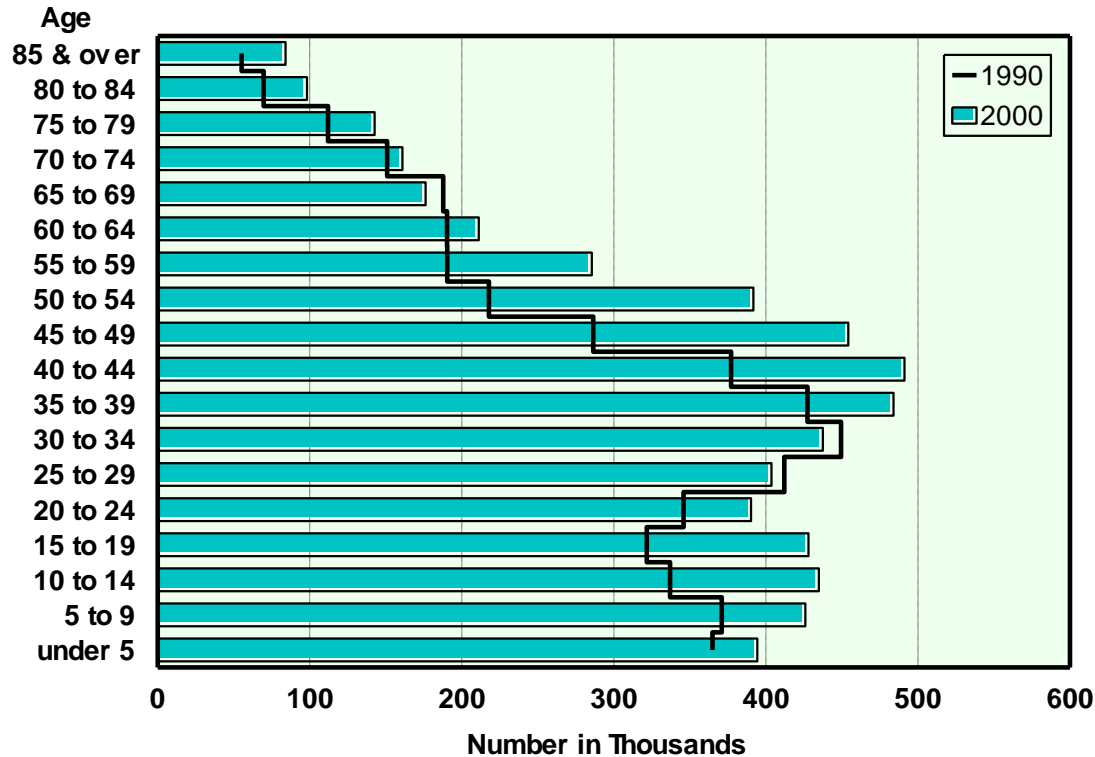


Percent of County Growth Due to Net Migration and Natural Increases



Number in Age Group

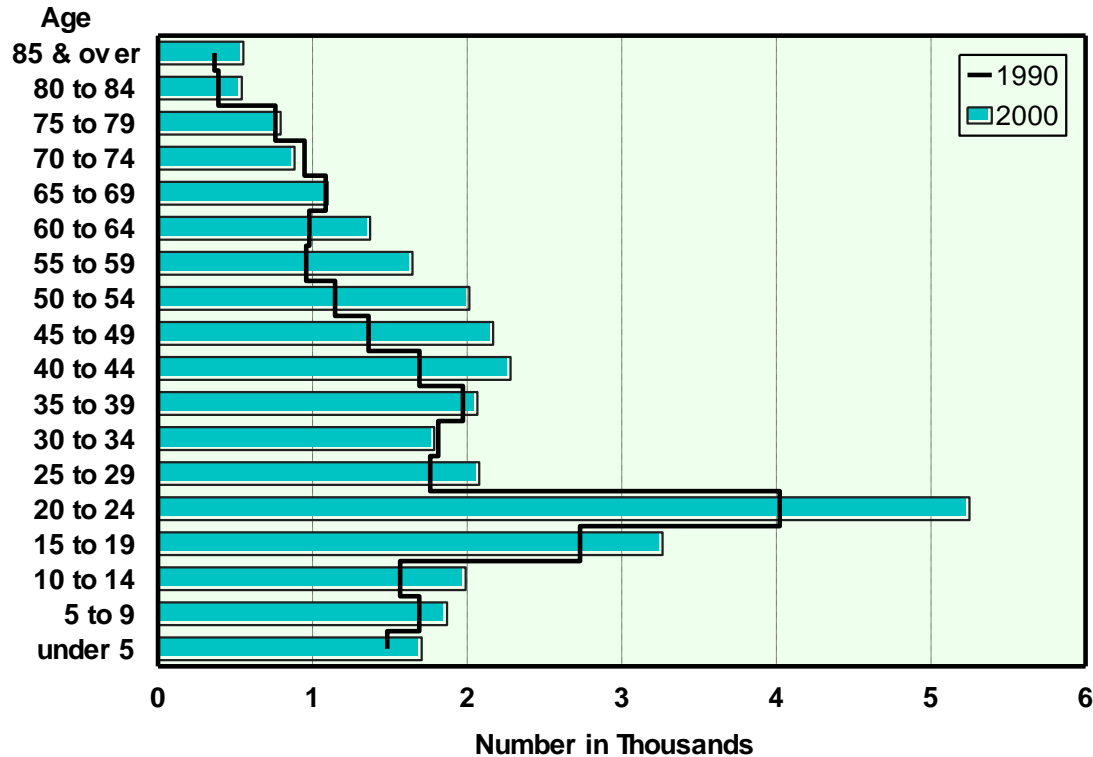
Washington State: 1990 and 2000



Age	Number		Change	
	1990	2000	#	%
85 & over	55,153	84,085	28,932	52.5
80 to 84	69,658	98,189	28,531	41.0
75 to 79	112,052	142,708	30,656	27.4
70 to 74	150,939	160,941	10,002	6.6
65 to 69	187,771	176,225	-11,546	-6.1
60 to 64	190,275	211,075	20,800	10.9
55 to 59	190,450	285,505	95,055	49.9
50 to 54	217,834	391,749	173,915	79.8
45 to 49	286,404	454,223	167,819	58.6
40 to 44	377,062	491,137	114,075	30.3
35 to 39	427,351	483,950	56,599	13.2
30 to 34	449,378	437,478	-11,900	-2.6
25 to 29	412,063	403,652	-8,411	-2.0
20 to 24	345,864	390,185	44,321	12.8
15 to 19	321,669	427,968	106,299	33.0
10 to 14	336,976	434,836	97,860	29.0
5 to 9	370,980	425,909	54,929	14.8
under 5	364,813	394,306	29,493	8.1
Total	4,866,692	5,894,121	1,027,429	21.1
Median Age	33.1	35.3		

Number in Age Group

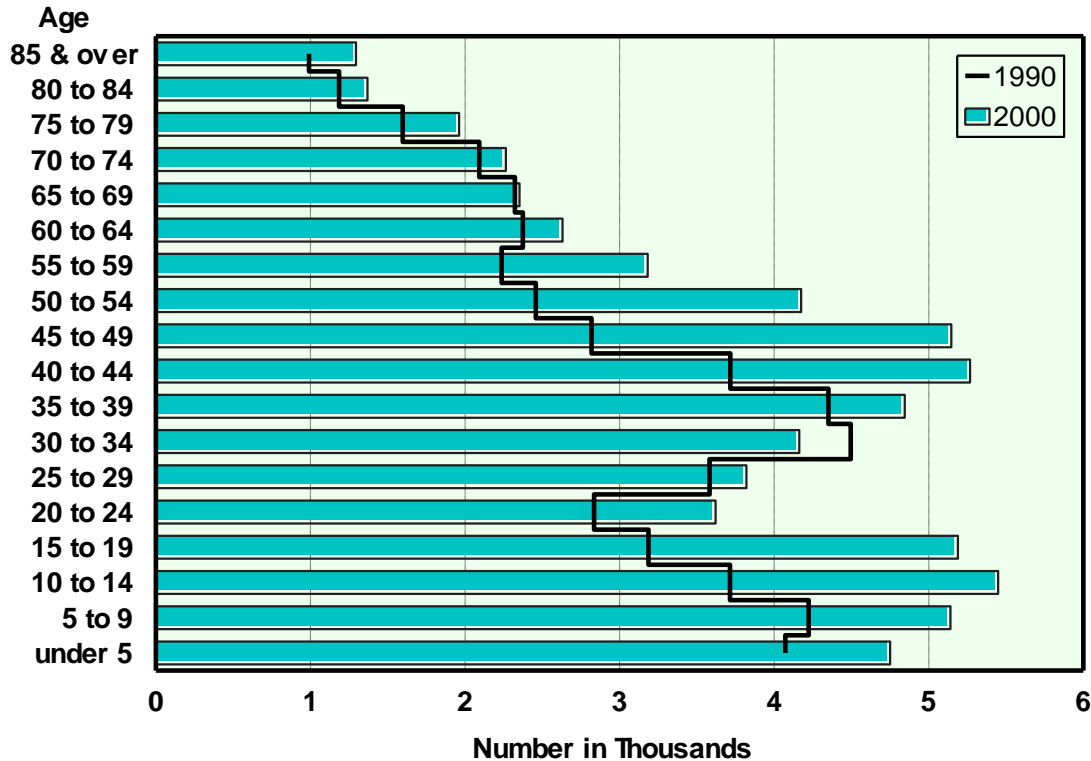
Kittitas County: 1990 and 2000



Age	Number		Change	
	1990	2000	#	%
85 & over	366	553	187	51.1
80 to 84	391	543	152	38.9
75 to 79	760	794	34	4.5
70 to 74	948	884	-64	-6.8
65 to 69	1,085	1,097	12	1.1
60 to 64	979	1,372	393	40.1
55 to 59	959	1,646	687	71.6
50 to 54	1,146	2,014	868	75.7
45 to 49	1,362	2,168	806	59.2
40 to 44	1,692	2,281	589	34.8
35 to 39	1,972	2,066	94	4.8
30 to 34	1,813	1,787	-26	-1.4
25 to 29	1,761	2,078	317	18.0
20 to 24	4,021	5,249	1,228	30.5
15 to 19	2,730	3,264	534	19.6
10 to 14	1,567	1,990	423	27.0
5 to 9	1,690	1,870	180	10.7
under 5	1,483	1,706	223	15.0
Total	26,725	33,362	6,637	24.8
Median Age	30.1	31.4		

Number in Age Group

Chelan County: 1990 and 2000



Age	Number		Change	
	1990	2000	#	%
85 & over	991	1,295	304	30.7
80 to 84	1,185	1,369	184	15.5
75 to 79	1,597	1,962	365	22.9
70 to 74	2,092	2,264	172	8.2
65 to 69	2,323	2,352	29	1.2
60 to 64	2,374	2,631	257	10.8
55 to 59	2,237	3,182	945	42.2
50 to 54	2,458	4,174	1,716	69.8
45 to 49	2,818	5,146	2,328	82.6
40 to 44	3,716	5,267	1,551	41.7
35 to 39	4,351	4,844	493	11.3
30 to 34	4,495	4,162	-333	-7.4
25 to 29	3,582	3,820	238	6.6
20 to 24	2,835	3,621	786	27.7
15 to 19	3,187	5,188	2,001	62.8
10 to 14	3,714	5,449	1,735	46.7
5 to 9	4,223	5,140	917	21.7
under 5	4,072	4,750	678	16.7
Total	52,250	66,616	14,366	27.5
Median Age	35.0	36.3		

Race and Hispanic Questions: Major Changes Between 1990 and 2000

- ❖ Respondents allowed to report more than one race
- ❖ 1990 Asian and Pacific Islander category split into two categories
- ❖ Question placement (Hispanic question before race question)

Questions for Race/Ethnicity on 2000 Census

→ **NOTE: Please answer BOTH Questions 5 and 6.**

5 Is this person Spanish/Hispanic/Latino? Mark the "No" box if **not** Spanish/Hispanic/Latino.

No, not Spanish/Hispanic/Latino
 Yes, Mexican, Mexican Am., Chicano
 Yes, Puerto Rican
 Yes, Cuban
 Yes, other Spanish/Hispanic/Latino — *Print group.* ↗

6 What is this person's race? Mark **one or more races** to indicate what this person considers himself/herself to be.

White
 Black, African Am., or Negro
 American Indian or Alaska Native — *Print name of enrolled or principal tribe.* ↗

<input type="checkbox"/> Asian Indian	<input type="checkbox"/> Native Hawaiian
<input type="checkbox"/> Chinese	<input type="checkbox"/> Guamanian or Chamorro
<input type="checkbox"/> Filipino	<input type="checkbox"/> Samoan
<input type="checkbox"/> Japanese	<input type="checkbox"/> Other Pacific Islander — <i>Print race.</i> ↗
<input type="checkbox"/> Korean	
<input type="checkbox"/> Vietnamese	
<input type="checkbox"/> Other Asian — <i>Print race.</i> ↗	

Some other race — *Print race.* ↗

Two or More Races Category on 2000 Census

- ❖ Refers to combinations of two or more of the major race categories
 - White
 - Black or African American
 - American Indian and Alaska Native
 - Asian
 - Native Hawaiian and Other Pacific Islander
 - Some other race
- ❖ For example, “White and Asian” is two or more races but “Japanese and Chinese” is not

Kittitas County Population by Race Alone and in Combination, 2000¹

	Alone	In Combination with some Other Race	Alone and in Combination
White	30,617	+ 563	= 31,180
Black	236	+ 83	= 319
Am. Indian	303	+ 250	= 553
Asian	731	+ 163	= 894
NHPI²	49	+ 37	= 86
Other	768	+ 134	= 902

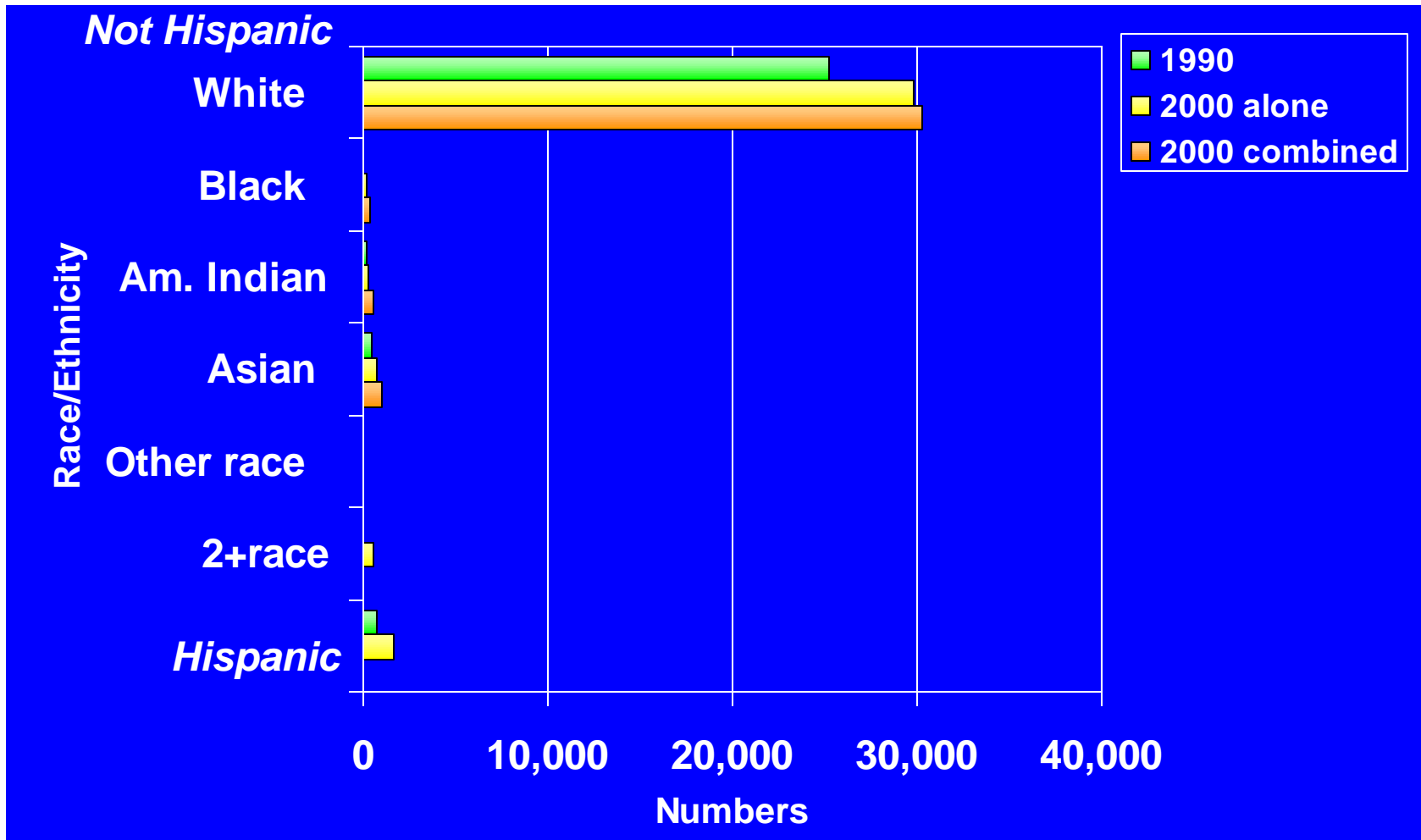
¹ Includes persons of Hispanic origin. For county level information see table at back.

² Native Hawaiian and Pacific Islander

Race and Hispanic Origin

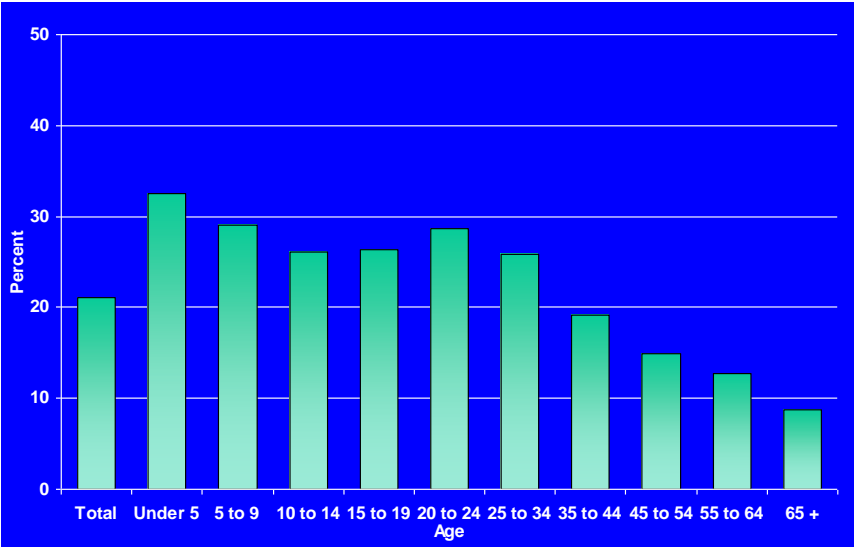
- ❖ **Can also separate race from Hispanic Origin and look at racial categories without persons of Hispanic Origin**
- ❖ **White alone not Hispanic Origin
Black alone not Hispanic Origin, etc.**
- ❖ **50% of Hispanics in Washington put themselves in the “Other Race” category; and 38% put themselves in the White category**

Population by Race/Ethnicity: Kittitas County 1990 and 2000

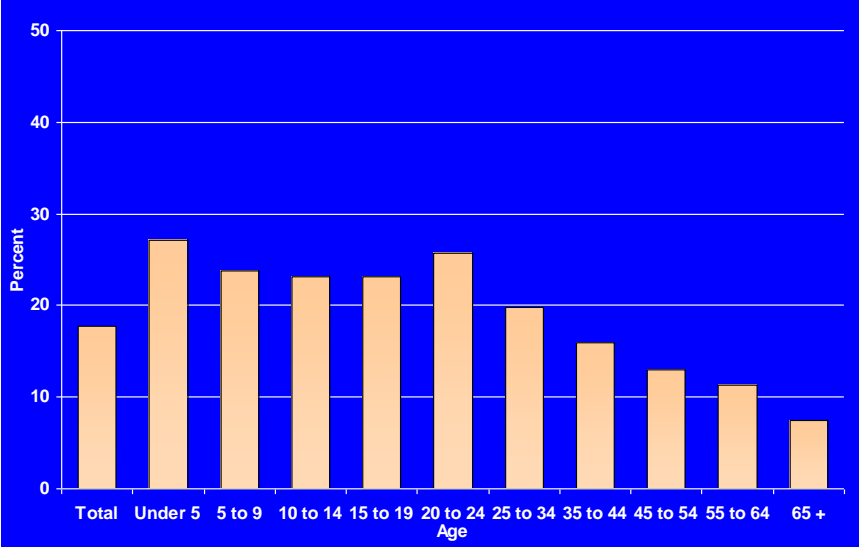


Percent Hispanic Origin/Nonwhite by Age

Washington: 2000



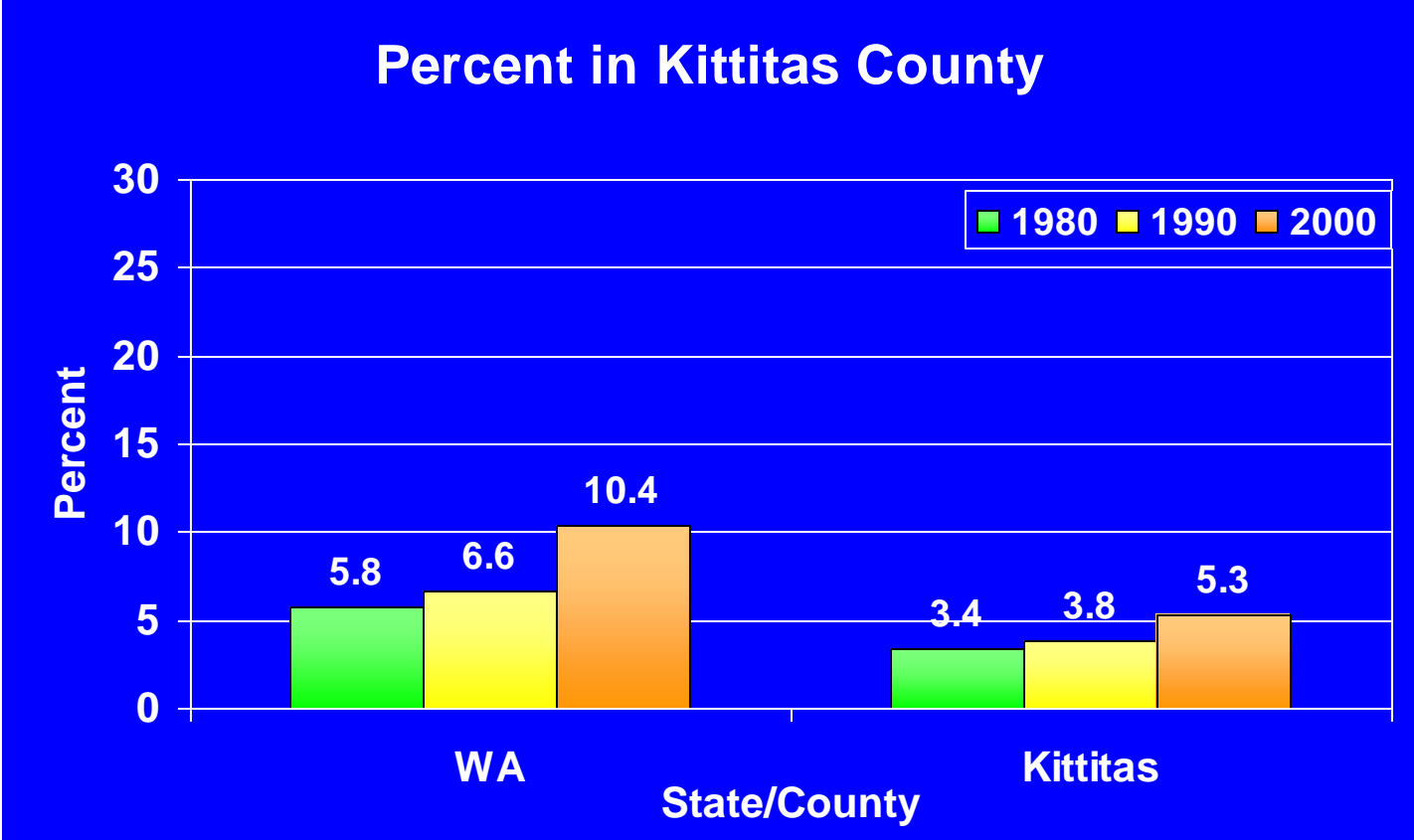
Kittitas County: 2000



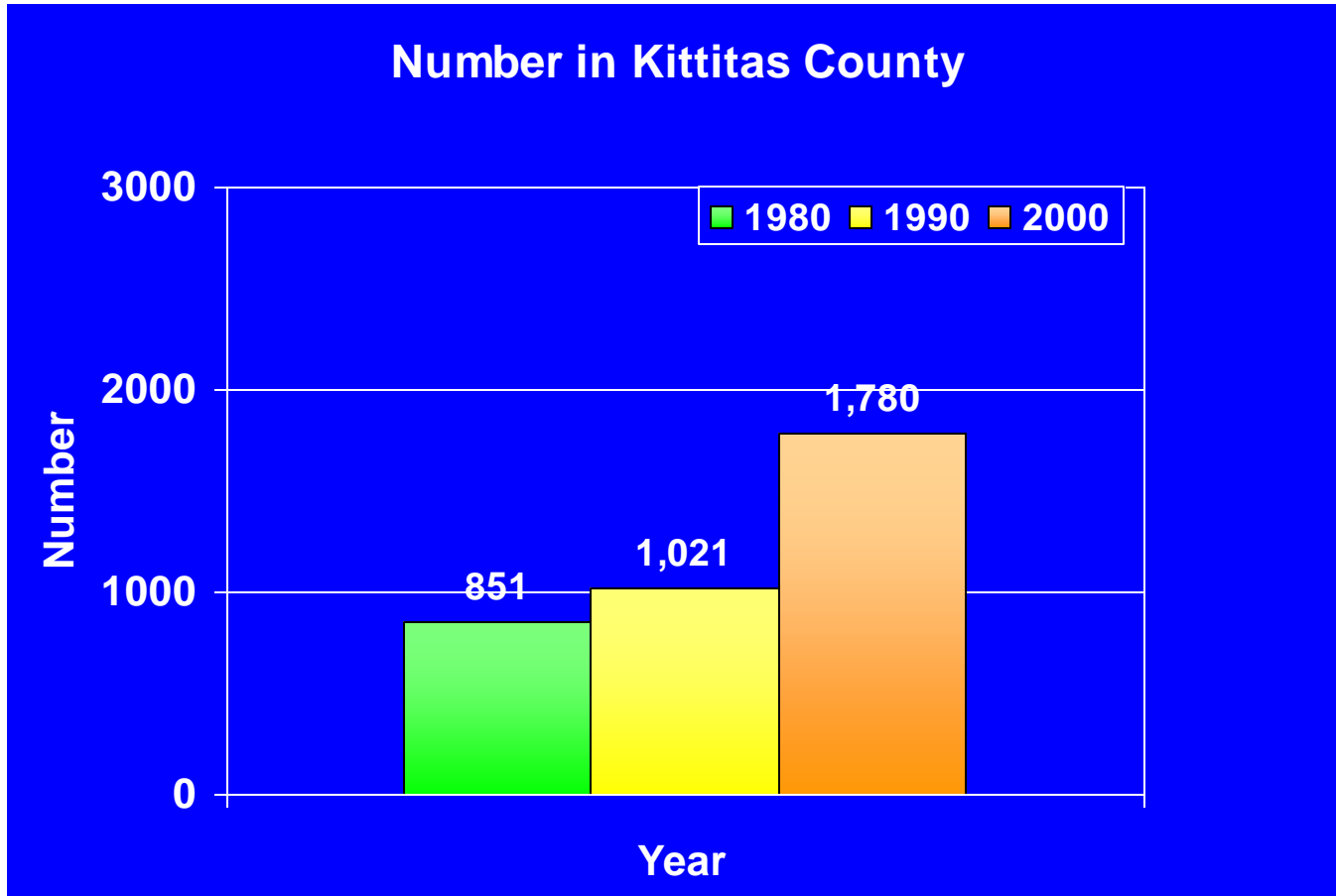
Reasons for More Rapid Growth of Minority Populations

- ❖ Younger Age Structures
 - More young adults in child bearing years
 - More children aging into child bearing years
- ❖ Slightly higher fertility rates
- ❖ Immigration
 - Especially for Asian and Hispanic Populations
 - Young adults most likely to immigrate

Foreign Born Population: 1980 - 2000



Foreign Born Population: 1980 - 2000



Population Categories

Population

```
graph TD; Population[Population] --> Households[Households]; Population --> GroupQuarters[Group Quarters]; Households --> Family[Family]; Households --> Nonfamily[Nonfamily]; GroupQuarters --> Institutionalized[Institutionalized]; GroupQuarters --> Noninstitutionalized[Noninstitutionalized];
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Households

Family

Related by birth, marriage, or adoption

Nonfamily

Living alone or with non-related individuals

Group Quarters

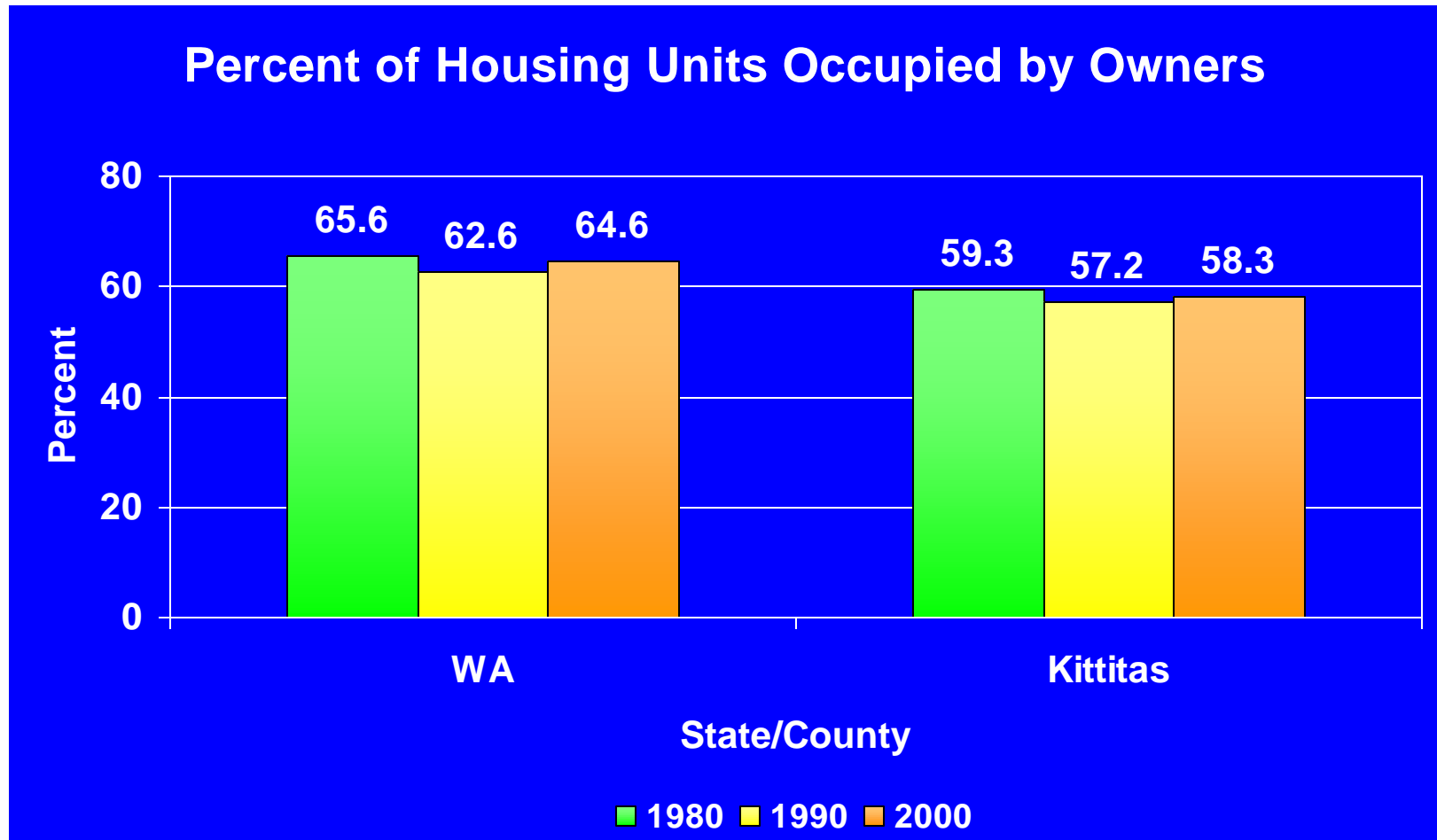
Institutionalized

Prisons, jails, detention centers, nursing homes, hospitals providing long-term care

Noninstitutionalized

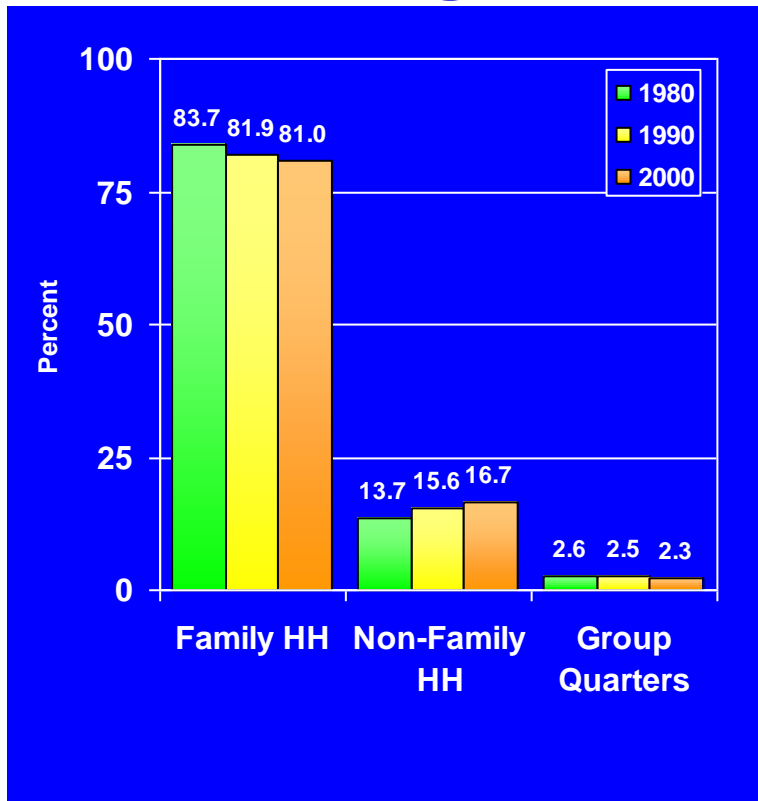
College dorms, nursing homes, military barracks

Home Ownership Rate: 1980, 1990, 2000

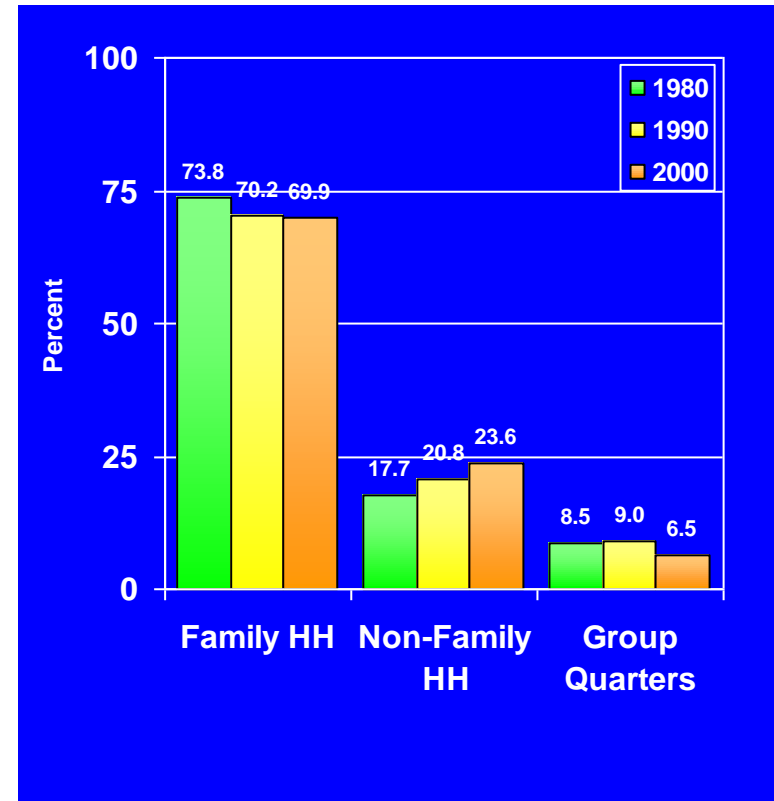


Living Arrangements 1980 – 2000

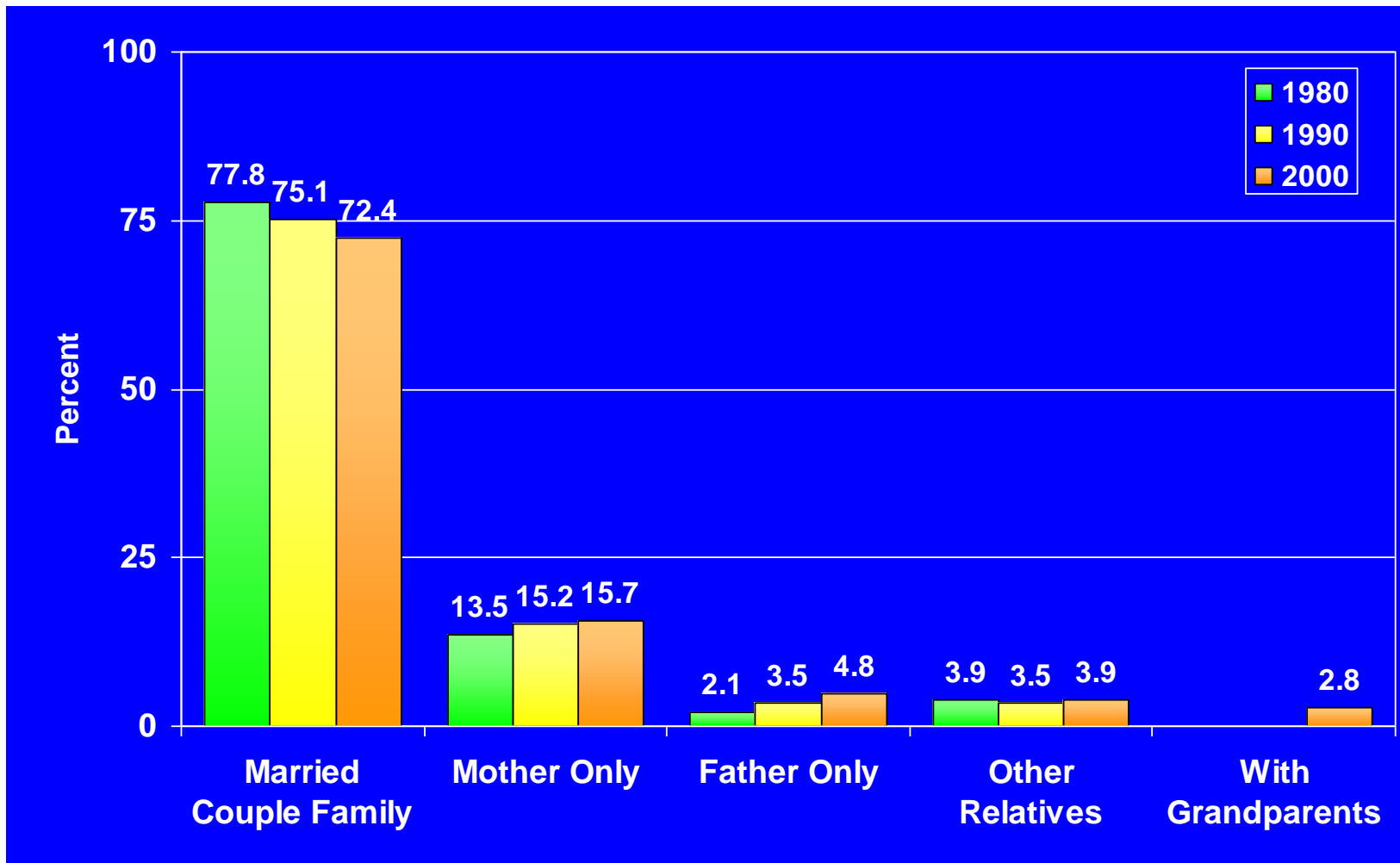
Washington



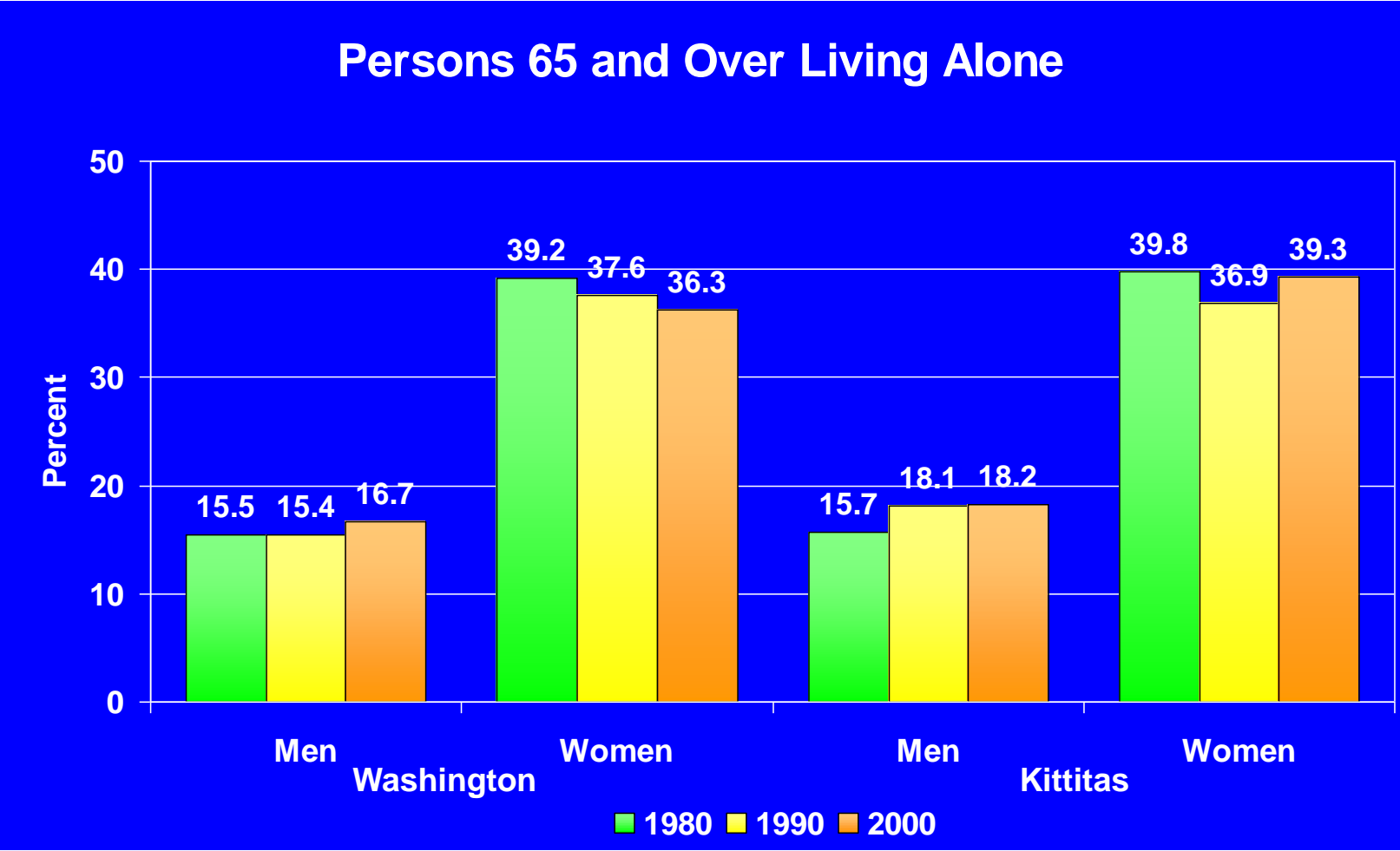
Kittitas



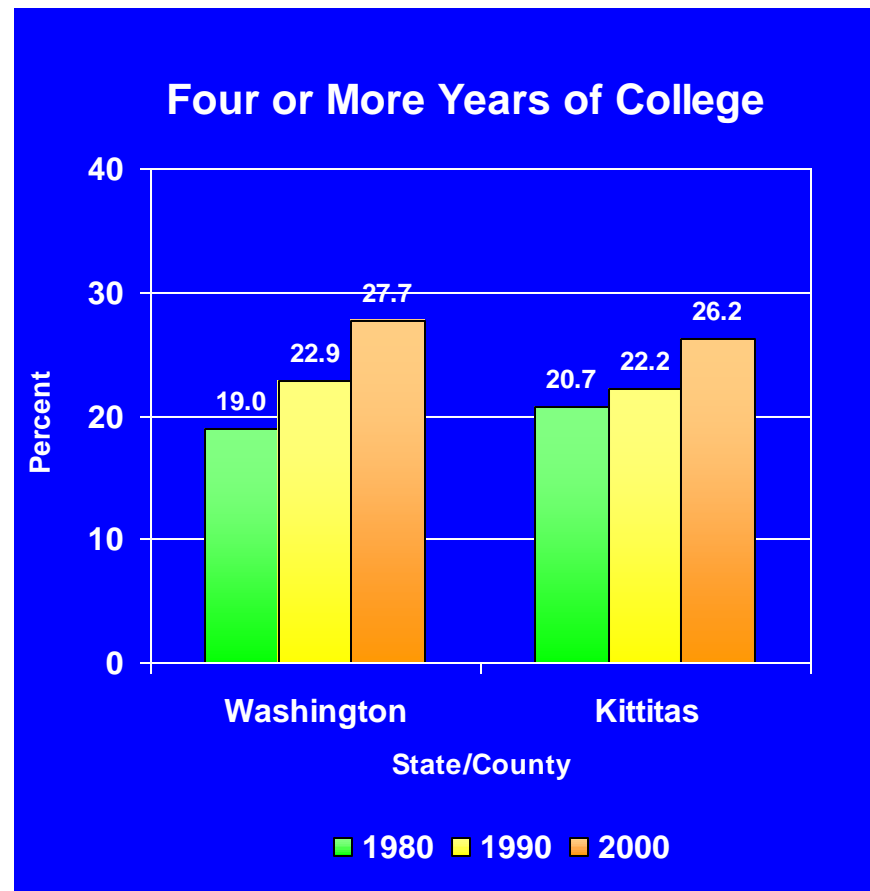
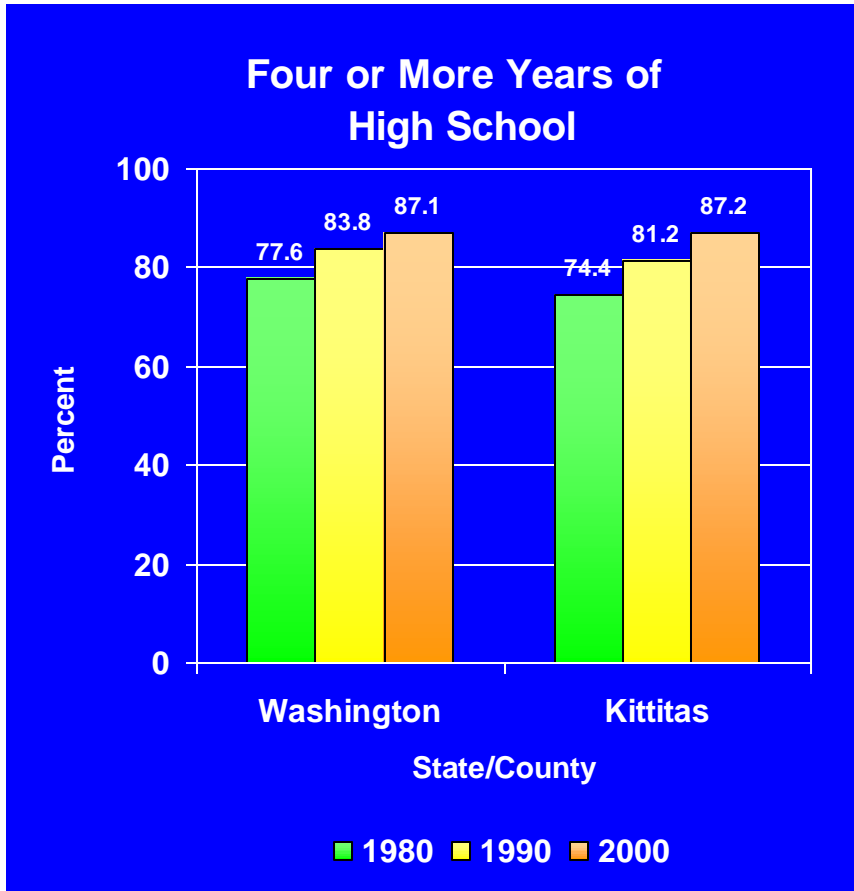
Living Arrangements for Children Under 18, Kittitas County: 1980 - 2000



Living Arrangements for Persons 65 and Older: 1980, 1990, 2000



Educational Attainment of Persons 25 and Over: 1980, 1990, 2000



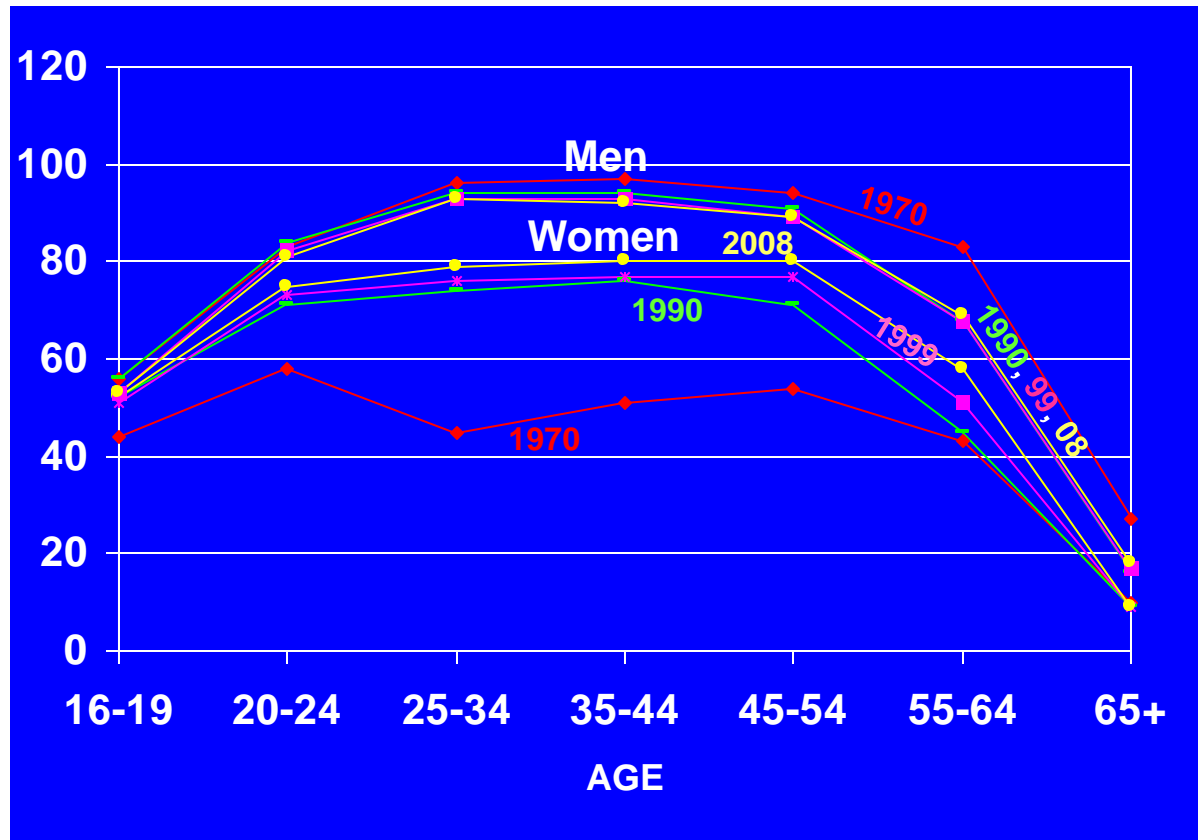
2000 Source: DP-2 Profile of selected social characteristics. www.ofm.wa.gov

Continuing Growth of Women in Labor Force

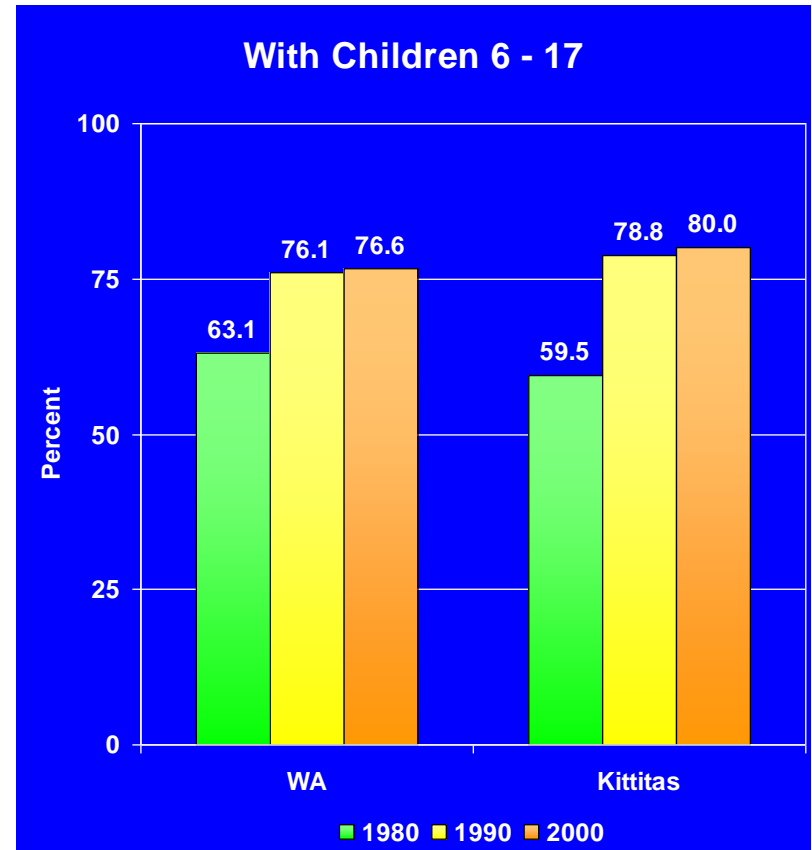
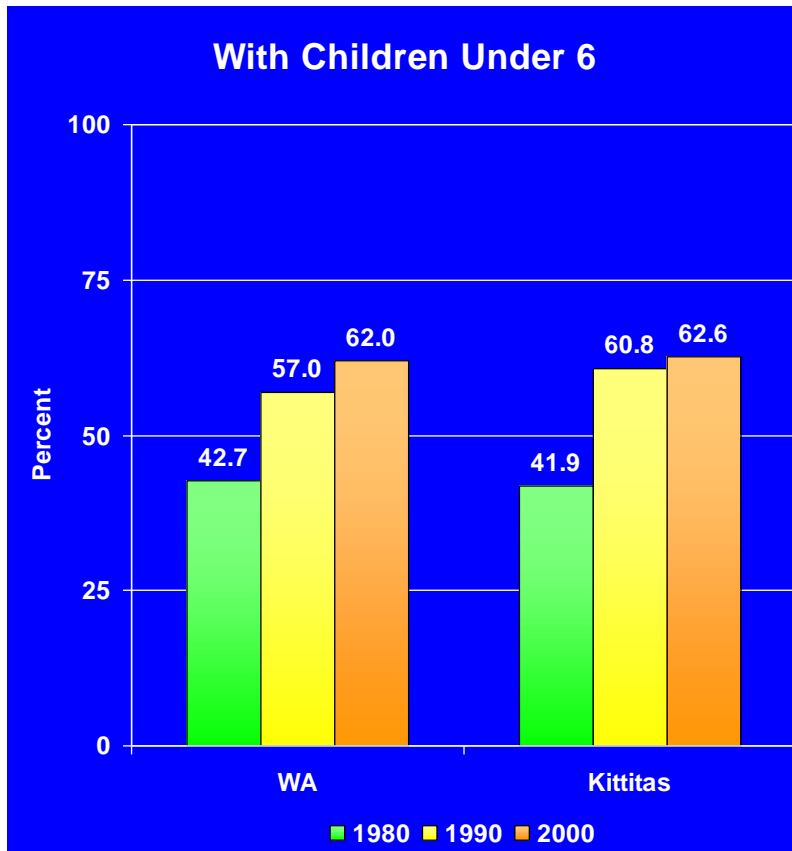
- ❖ **Pattern of women's labor force participation changed dramatically between 1970 and 1990**
- ❖ **Continuing increases in women's labor force participation, but no major changes in pattern of participation between 2000-2008**
- ❖ **Greatest increases in participation were and are projected to be in middle years**
- ❖ **Continuing need for day care, after school care, programs for teenagers**

Percent of Men and Women in Labor Force

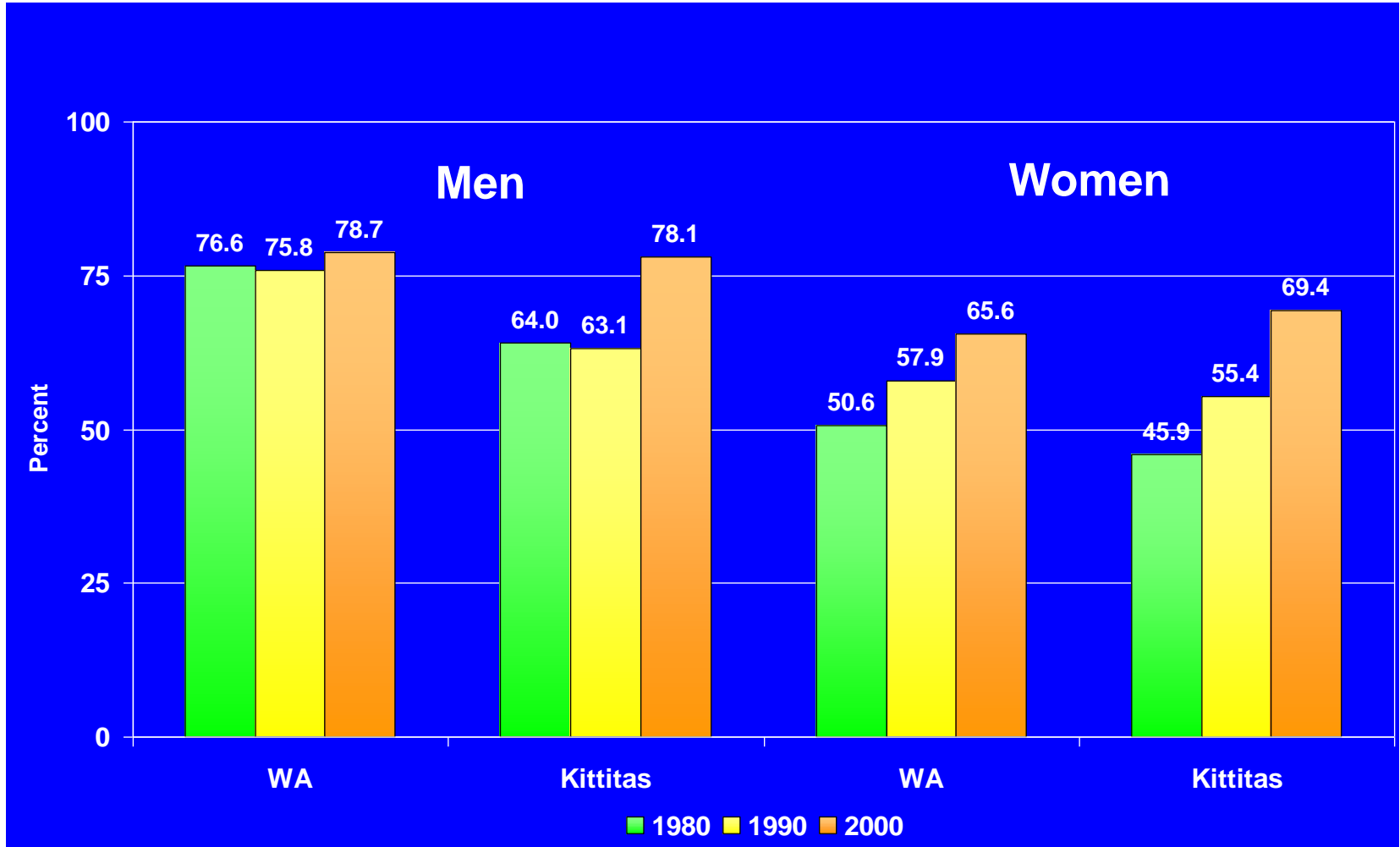
United States: 1970 - 2008



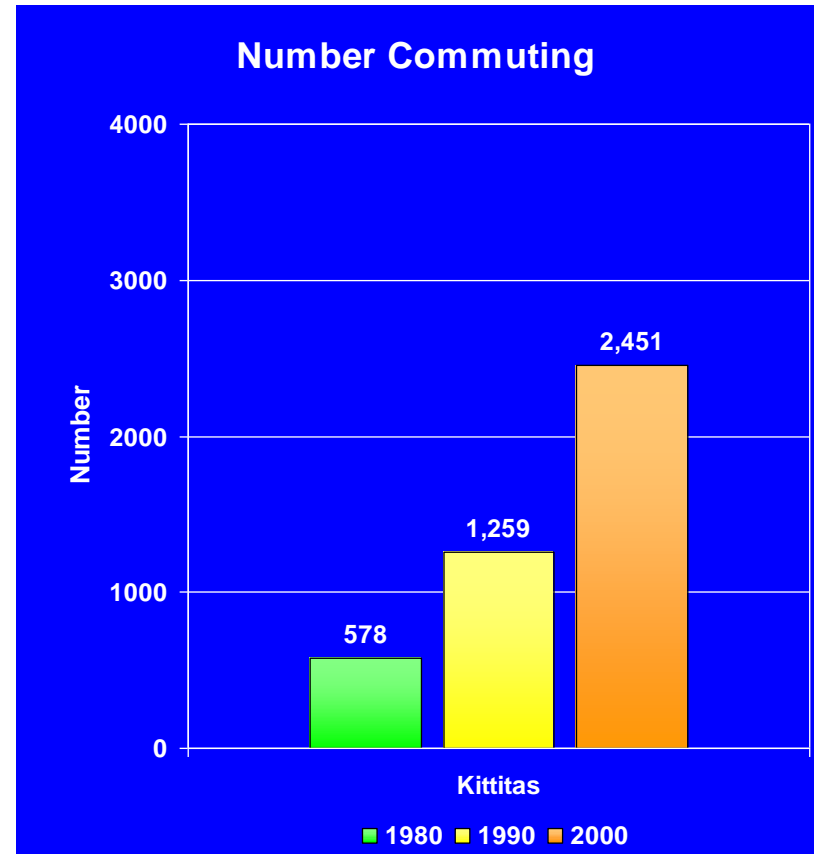
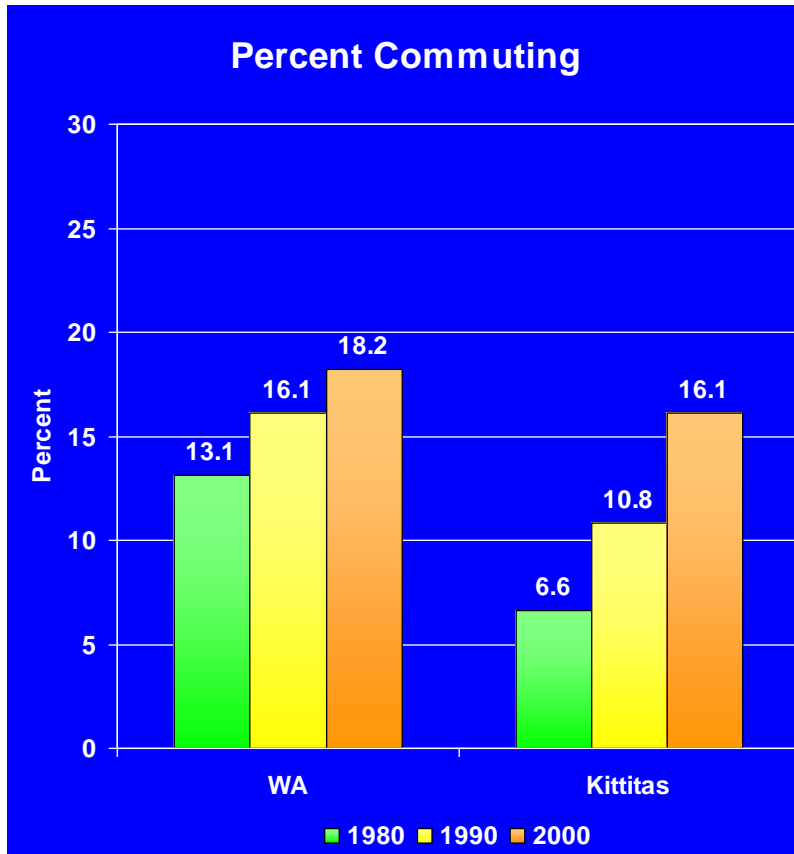
Percent of Women in Labor Force: 1980 - 2000



Labor Force Participation: 1980 - 2000



Commuting Outside County of Residence for Work: 1980, 1990, 2000



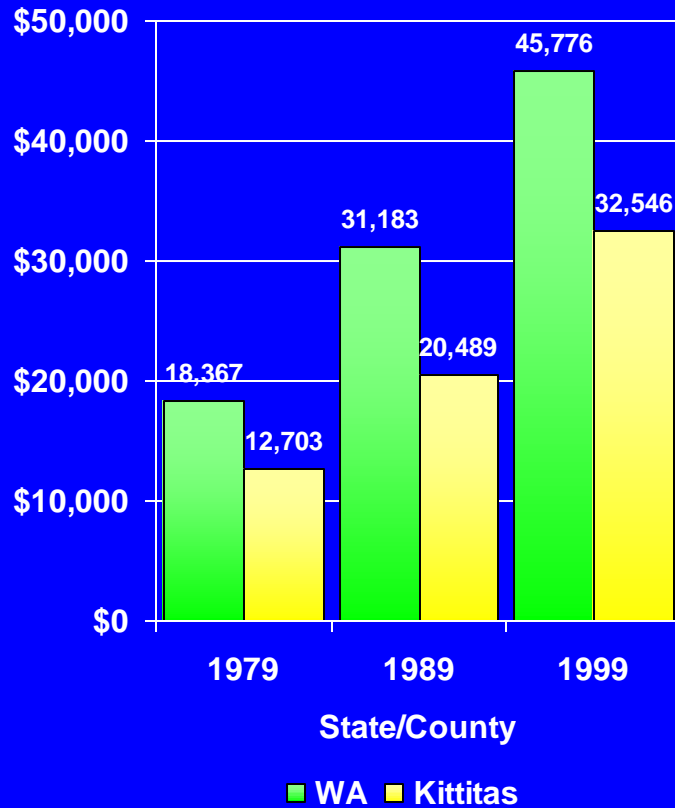
Household Income 1999

Percent in Income Category

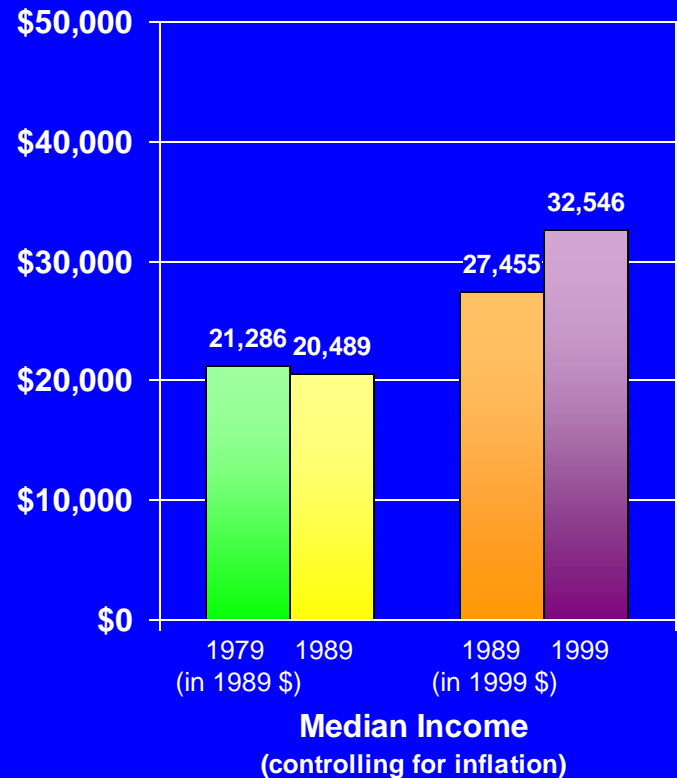
	Washington	Kittitas
LT 10,000	7.6	16.2
10,000 – 14,999	5.5	10.5
15,000 – 24,999	11.7	13.4
25,000 – 34,999	12.5	12.8
35,000 – 49,999	17.1	15.4
50,000 – 74,000	21.4	16.9
75,000 – 99,999	11.6	7.4
100,000 – 149,000	8.3	4.4
150,000 – 199,999	2.1	1.1
200,000 +	2.2	1.7

Income 1979 - 1999

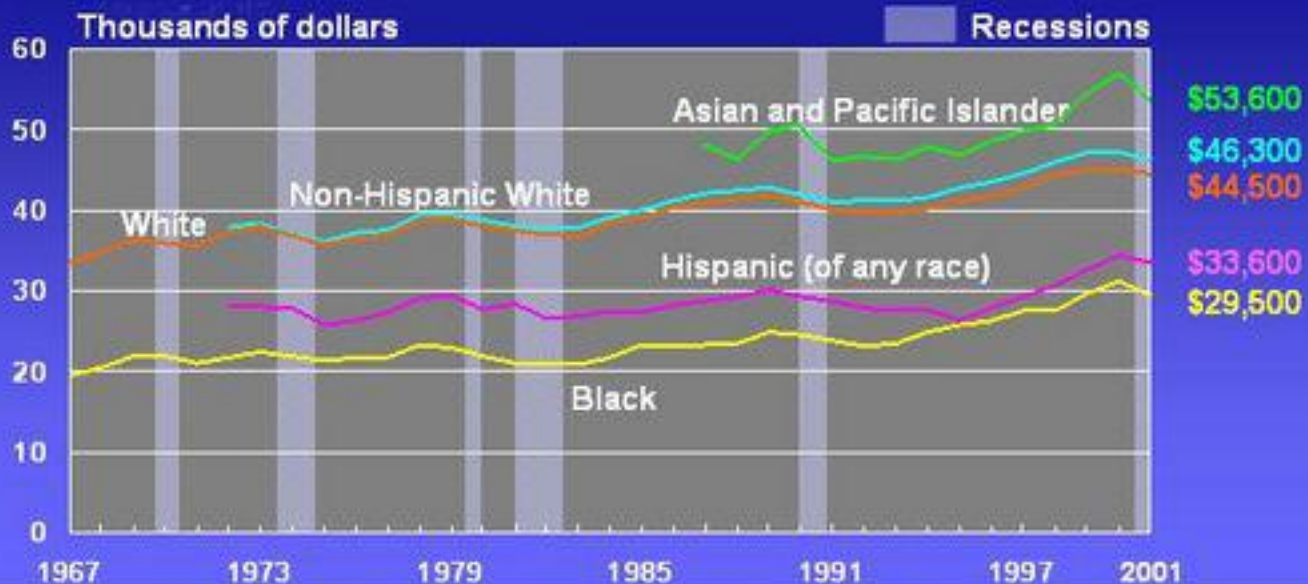
Median Income 1979 - 1999



Kittitas Change in Income (controlling for inflation)



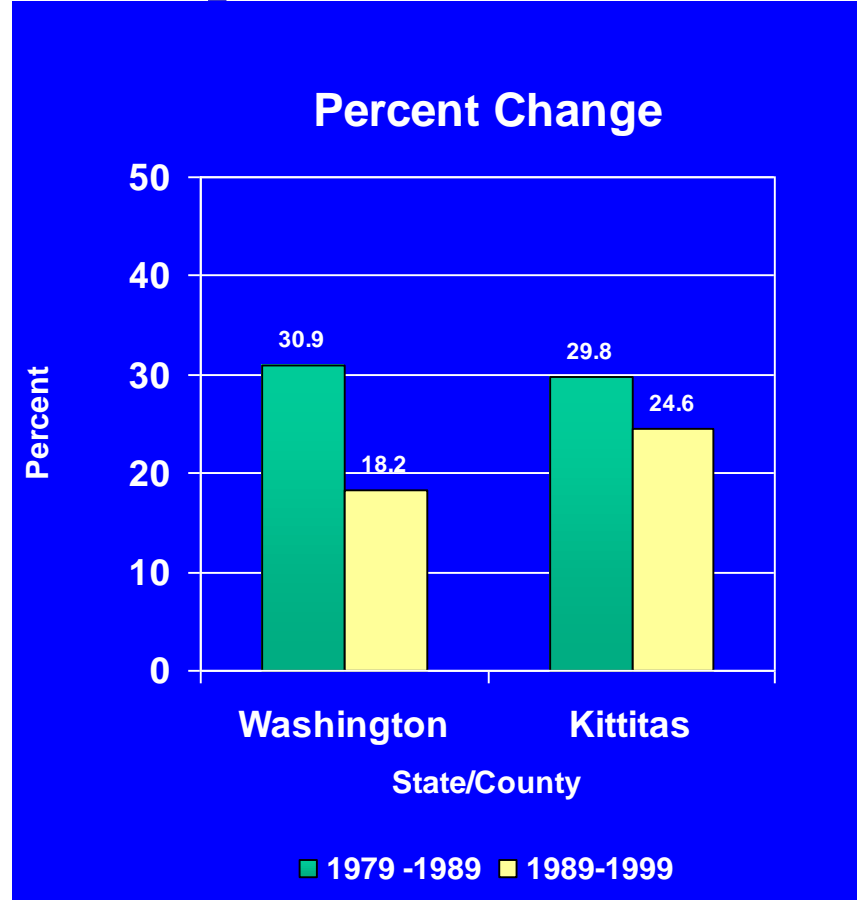
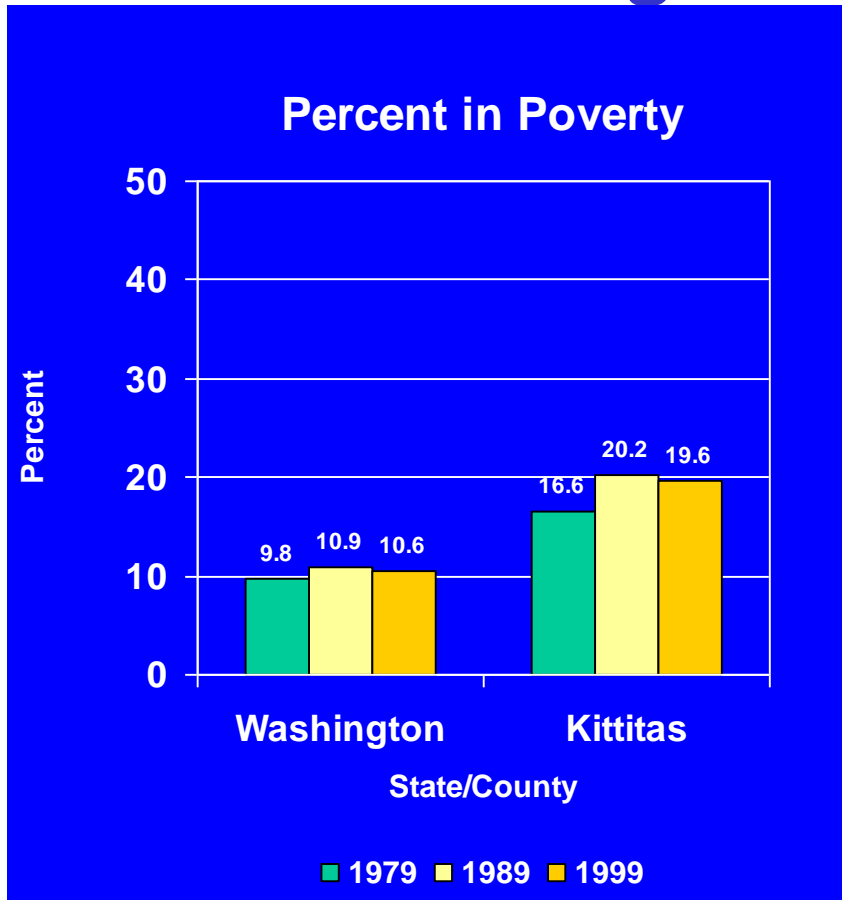
Median Household Income by Race and Hispanic Origin: 1967 to 2001



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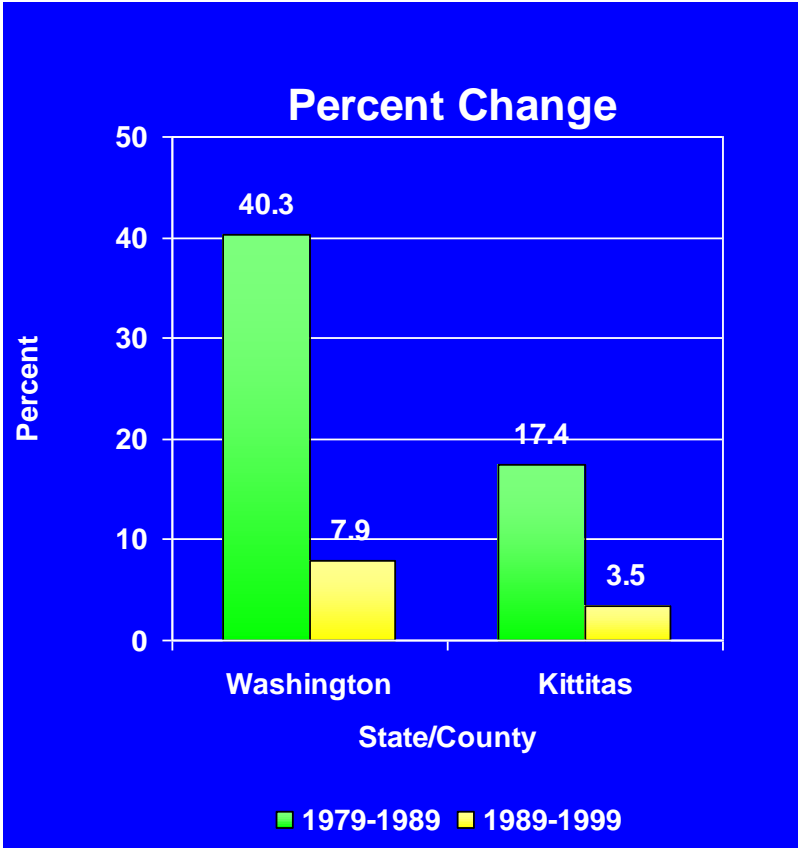
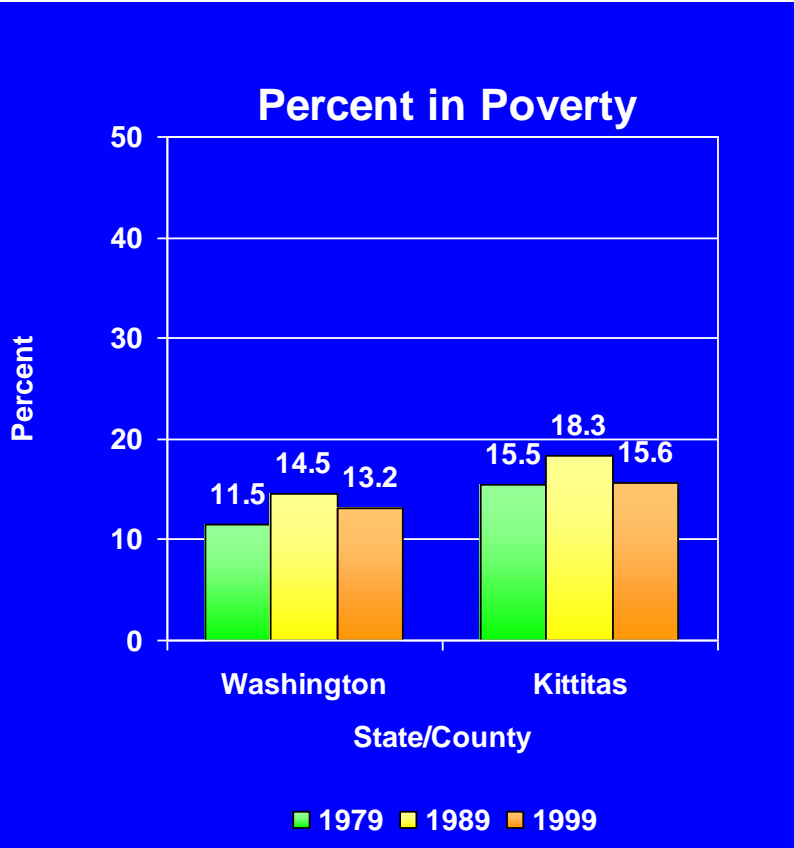
Note: Income rounded to the nearest \$100. Income in 2001 dollars.
Source: U.S. Census Bureau, Current Population Survey, 1968 to 2002 Annual Demographic Supplements.

Persons Living in Poverty: 1989 – 1999



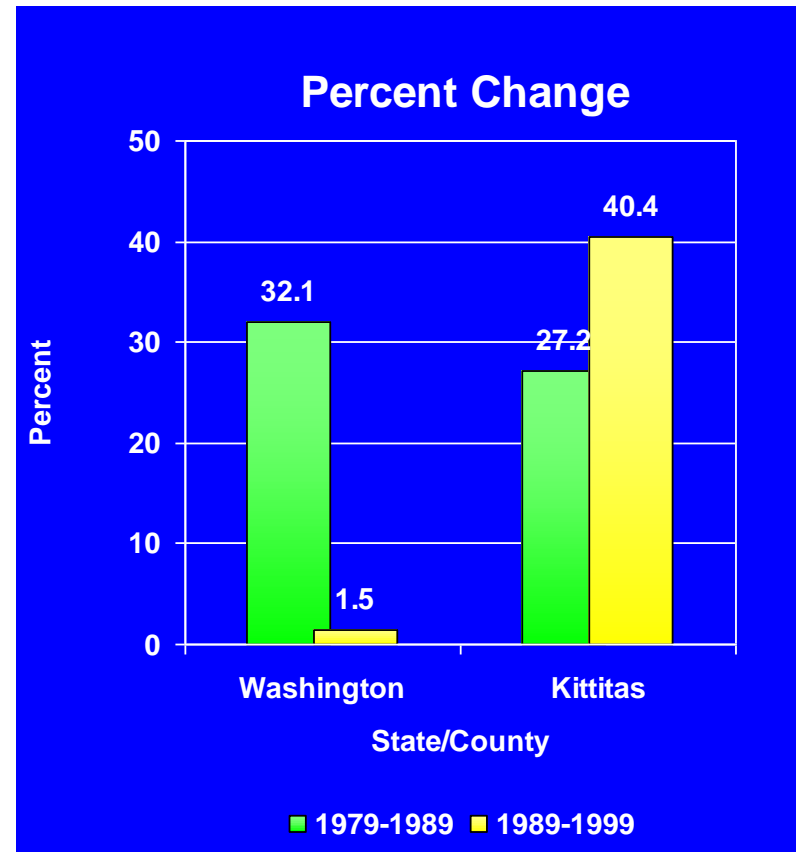
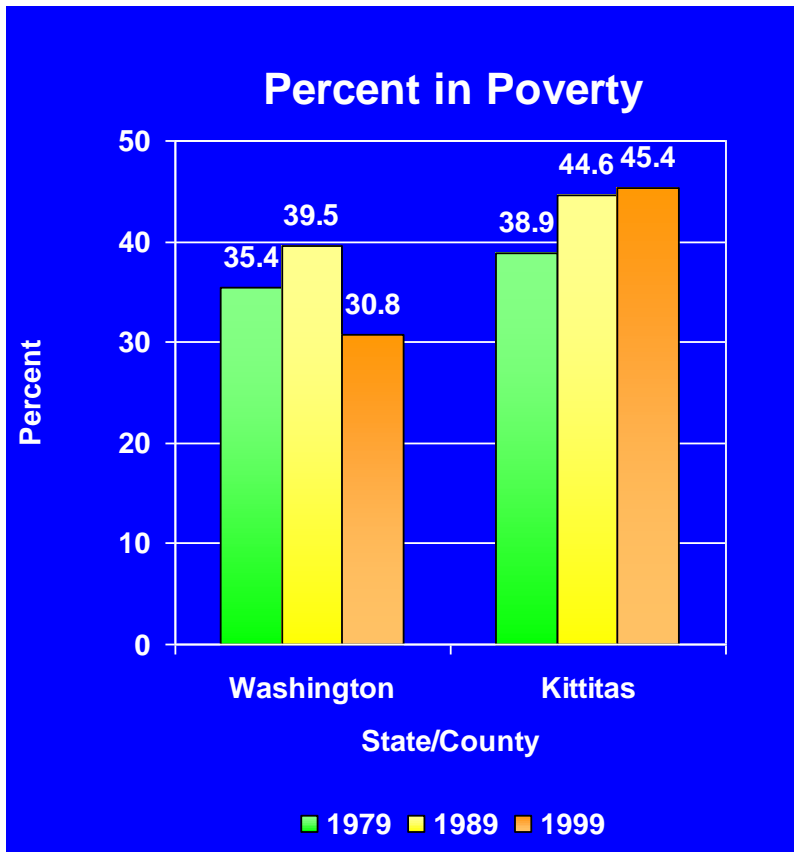
Kittitas			
Number in Poverty		Change	
1979	3,786	1979 – 1989	1,127
1989	4,913	1989 – 1999	1,209
1999	6,122		

Children Under 18 Living in Poverty



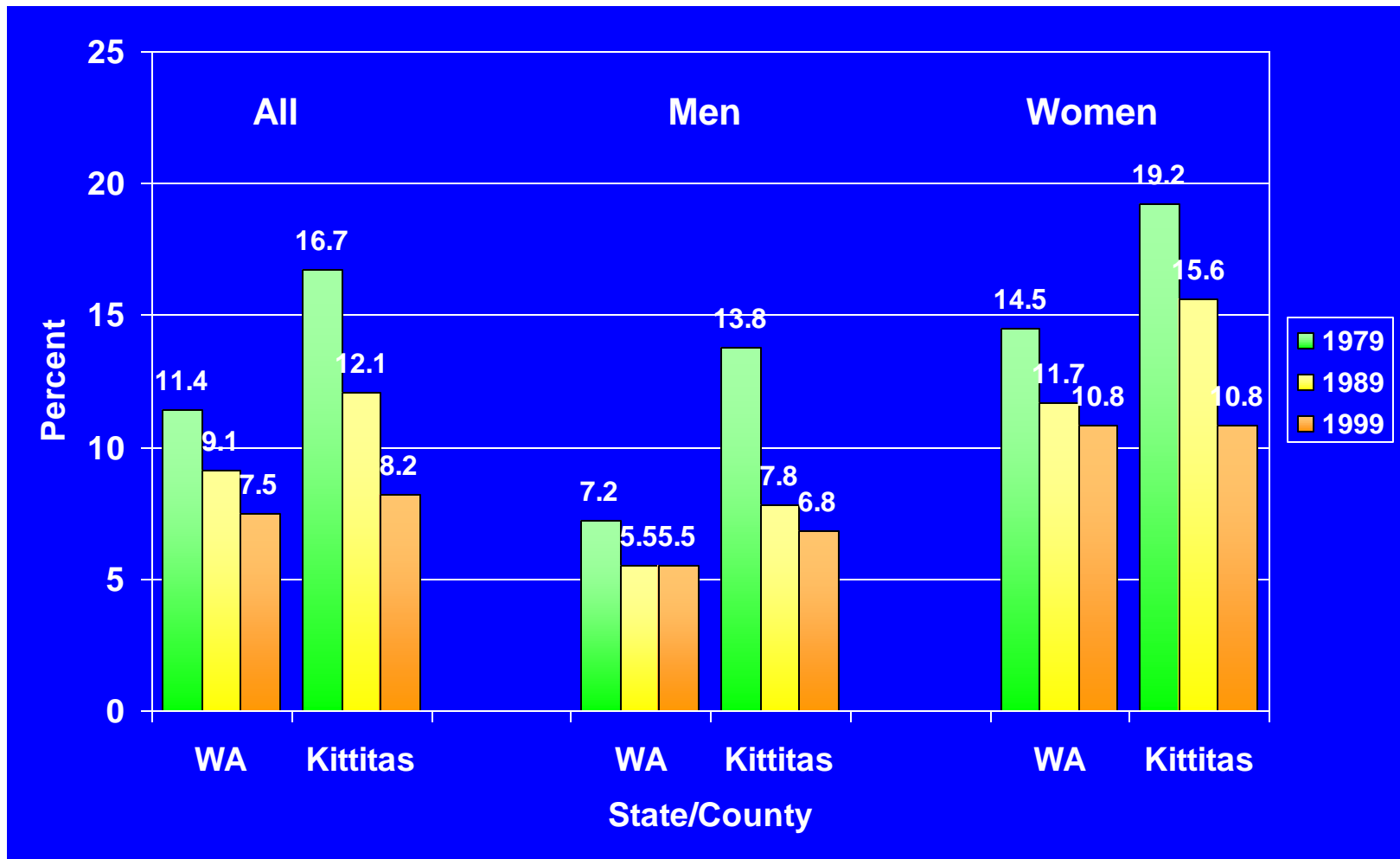
Kittitas: Living in Poverty	
# of Children < 18	
1979	856
1989	1,005
1999	1,040

Female-Headed Families with Children Under 18

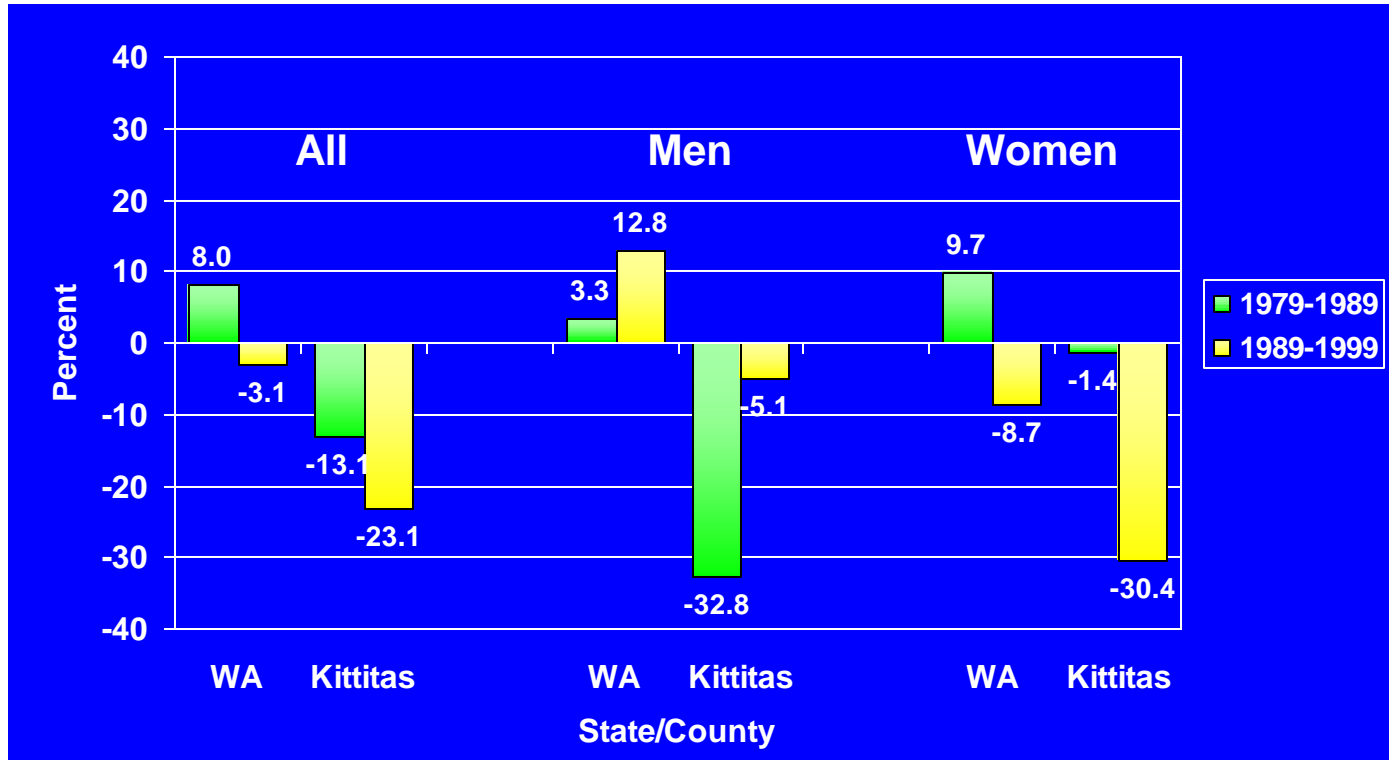


Kittitas: # of Female-Headed Families with Children <18	
1979	169
1989	225
1999	316

Percent of Persons 65 and Over in Poverty

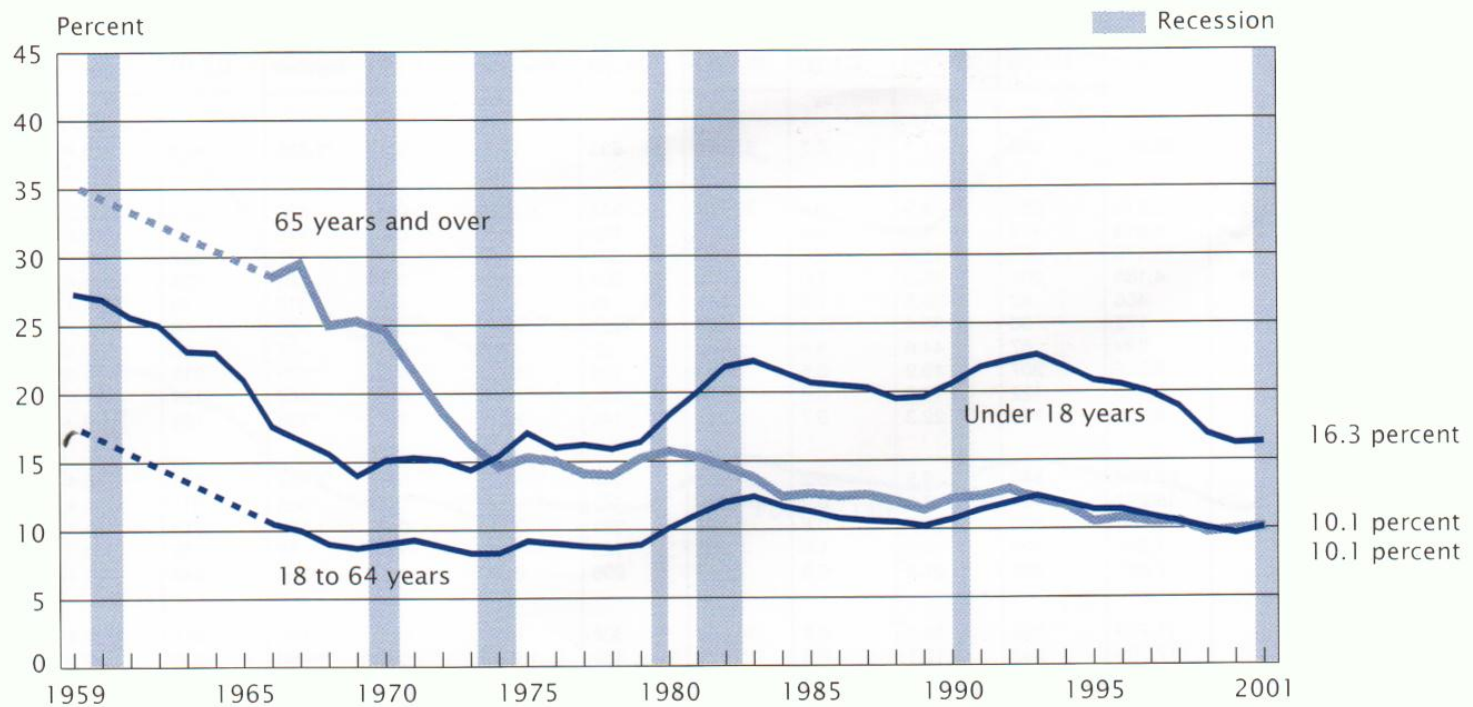


Percent Change in Number of Persons 65+ in Poverty



Kittitas Number of Persons 65+ Living in Poverty			
	All	Men	Women
1979	464	174	290
1989	403	117	286
1999	310	111	199

Figure 2.
Poverty Rates by Age: 1959 to 2001



Note: The data points represent the midpoints of the respective years. The latest recession began in March 2001.
 Data for people 18 to 64 and 65 and older are not available from 1960 to 1965.
 Source: U.S. Census Bureau, Current Population Survey, 1960-2002 Annual Demographic Supplements.