# Monograph Series

Volume 3 - Number 3

American Indians and Alaska Natives in the 2000 U.S. Census Part I

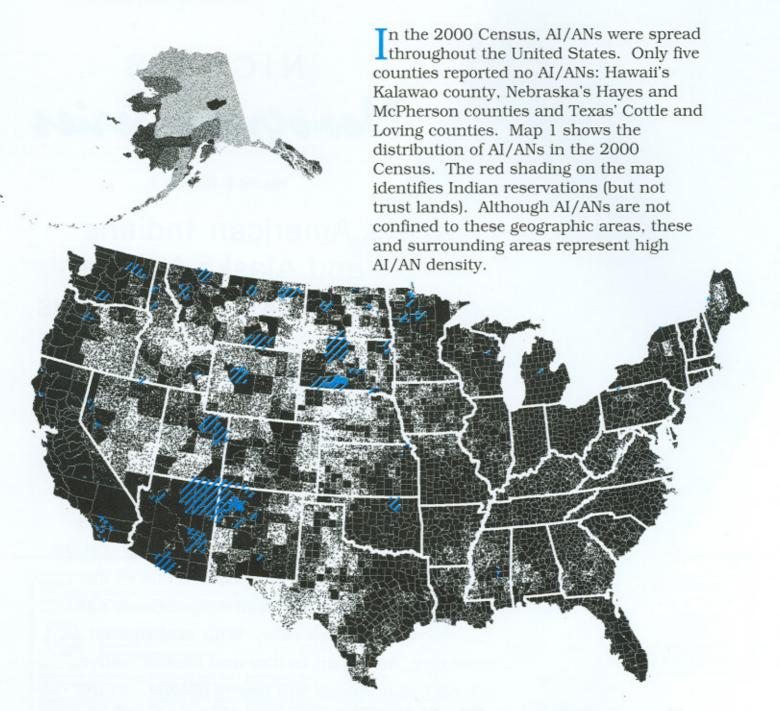
Mario D. Garrett, Ph.D., Kurt A. Menke, M.A., Dave Baldridge, & Mike Inglis.

he U.S. 2000 Census has broken new ground. Not only has the data been made available within months—rather than years—after completion of the Census, but for the first time respondents can select more than one race. With multi-racial reporting, American Indian and Alaska Native (AI/AN) populations will nearly double. In the 1990 Census, where only one race could be selected, 2,015,143 respondents self-reported as AI/ANs. In the 2000 Census, this number increased to 2,475,956 along with an additional 1,643,345 AI/ANs who reported being of more than one race.

National Indian Council on Aging



### Map 1: Total Al/ANs by County in the 2000 Census Indian Reservations in Red



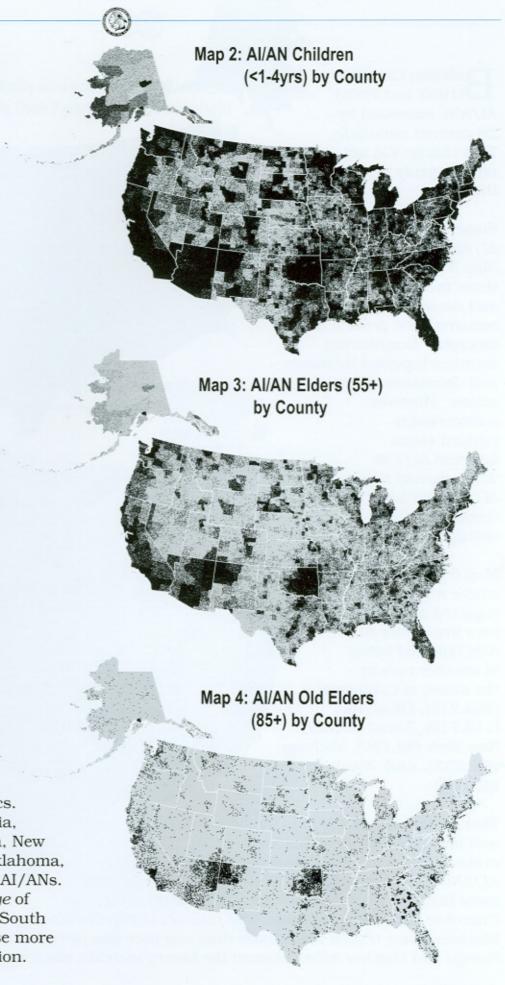
Maps 2, 3 and 4 represent sub-groups of AI/ANs by age. These maps show that although 503,809 AI/AN children are dispersed broadly throughout the nation, the greatest concentration of older AI/ANs is on reservations, trust lands and in pockets along the eastern and western seaboards.

Footnote: Unless otherwise stated, all data for AI/ANs refers to 2000 Census respondents who selected AI/AN exclusively as their race. Throughout this monograph each dot represents one AI/AN. References to counties also denote boroughs and Census Areas in Alaska.

Table 1: Top Counties with AI/ANs

	State, County/ Borough	AI/AN	% AI/AN
	CA, Los Angeles	76988	0.9
	AZ, Maricopa	56706	1.9
	NM, McKinley	55892	76.7
	AZ, Apache	53375	78.0
	NC, Robeson	46896	38.6
	AZ, Navajo	46532	48.7
	NM, San Juan	41968	37.9
	AZ, Coconino	33161	29.2
	OK, Tulsa	29316	5.4
	AZ, Pima	27178	3.3
	CA, San Diego	24337	0.9
	NM, Bernalillo	23175	4.3
	OK, Oklahoma	22598	3.6
	CA, San Bernardino	19915	1.2
	CA, Orange	19906	0.7
	AK, Anchorage	18941	7.7
	CA, Riverside	18168	1.2
	WA, King	15922	1.0
	IL, Cook	15496	0.3
	TX, Harris	15180	0.5
	NM, Sandoval	14634	16.9
	AZ, Pinal	14034	8.0
	OK, Cherokee	13787	35.1
	CA, Sacramento	13359	1.2
	AK, Bethel	13114	85.2
	CA, Fresno	12790	1.7
	TX, Dallas	12499	0.6
	SD, Shannon	11743	95.1
	NY, Bronx	11371	0.9
	CA, Santa Clara	11350	0.7
	TX, Bexar	11193	0.8
	MN, Hennepin	11163	1.0
	NY, Queens	11077	0.5
	NV, Clark	10895	0.8
	OK, Muskogee	10331	15.9
	NM, Cibola	10319	41.7
	NY, Kings	10117	0.4
	CA, Kern	9999	1.6
	ND, Rolette	9983	74.2
	WA, Yakima WA, Pierce	9966	4.6 1.5
	OK, Cleveland	9963	
		9162	4.6
	CA, Alameda OK, Adair	9146 8938	0.7 45.9
	OK, Rogers	8533	12.9
	TX, Tarrant	8300	0.6
	OK, Delaware	8273	23.9
	WA, Snohomish	8250	1.4
	MT, Glacier	8186	63.3
	MN, Beltrami	8071	20.7
	y Dendum	2011	-0.,
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Table 1 reports county statistics.
Los Angeles county in California,
followed by counties in Arizona, New
Mexico, North Carolina and Oklahoma,
exhibits the highest number of AI/ANs.
However, the highest percentage of
AI/ANs is in Shannon county, South
Dakota, where AI/ANs comprise more
than 95 percent of the population.



etween Censuses (1990 and 2000). AI/ANs increased by 26 percent nationally. This change did not reflect evenly across the U.S.

Some counties gained AI/ANs while others lost. Map 5 identifies where these increases (black dots) and decreases (red dots) occurred. No general trend emerges. Neighboring counties reported increases and decreases across states. However. a discernable pattern exists between AI/ANs who reported being of one race and those reporting

multiple races.

Map 6 portrays where AI/ANs who reported multiple race live. More AI/ ANs reported being of another race in the states of California (294,216), Oklahoma (118,719), Texas (97,237), New York (89,120), Michigan (65,933), and Washington (65,639).

This geographic variation in single and multiple race identification is more evident across reported tribal affiliations.

AI/ANs who reported being of more than one race are more likely to identify their tribe as Blackfeet, Cree,

Cherokee, Seminole or Osage. The number of AI/ANs who reported being of the Blackfeet tribe tripled when more than one race was included. On the other hand, Navajo and Lumbee tribes showed the lowest increase when multiple races were

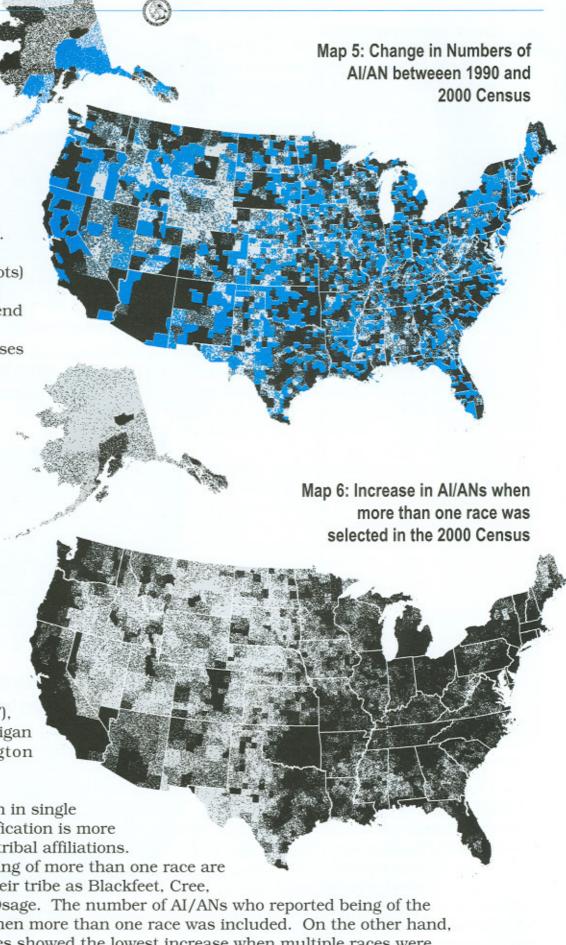
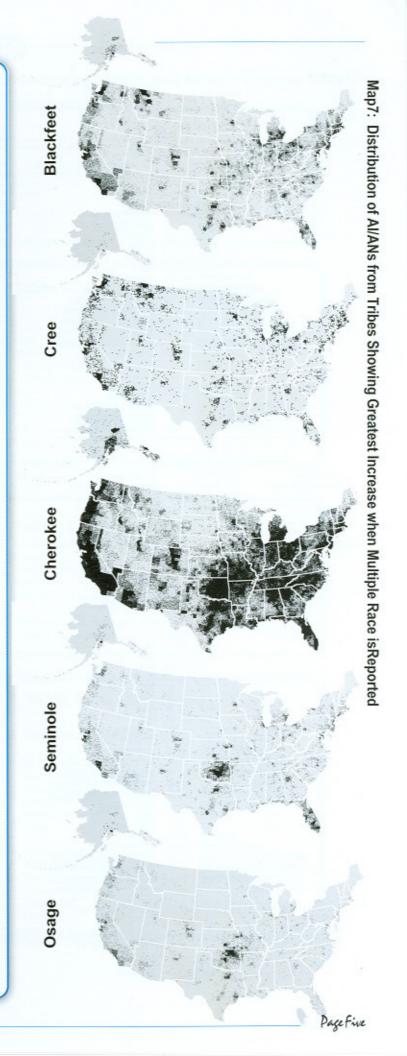


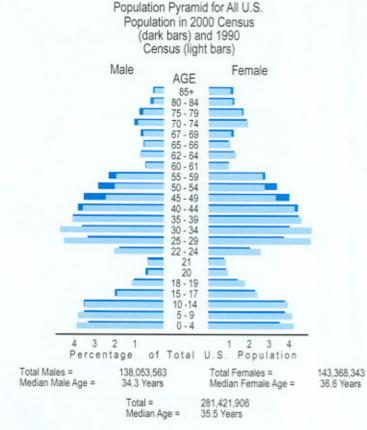
Table 2: Multiple Race by Reported Tribal Affiliation

-					
		AI/AN only, 1 Tribe or none listed	AI/AN only, 1 + Tribe	AI/AN Plus Other Race, 1+ Tribe	Percent Increase when Multiple Race
	Total tribal members	423 457	2,528,671	4,230,356	175
	Total reported members o	State of the state	2,020,071	1,200,000	
	American Indian Tribes 1		1,806,163	2,852,380	167
	Apache	57,060	64,977	96,833	
	Blackfeet	27,104	31,462	85,750	
	Cherokee	281,069	299,862	729,533	
	Cheyenne	11,191	12,556	18,204	
	Chickasaw	20,887	23,901	38,351	
	Chippewa	105,907	108,637	149,669	
	Choctaw	87,349	96,901	158,774	
	Colville	7,833	8,026	9,393	
	Comanche	10,120	11,688	19,376	
	Cree	2,488	3,212	7,734	
	Creek	40,223	45,718	71,310	
	Crow	9,117	9,691	13,394	
	Delaware	8,304	8,906	16,341	
	Houma	6,798	6,877	8,713	
	Iroquois	45,212	47,530	80,822	179
	Kiowa	8,559	9,689	12,242	143
	Latin American Indians	104,354	106,204	180,940	173
	Lumbee	51,913	52,555	57,868	111
	Menominee	7,883	8,141	9,840	125
	Navajo	269,202	275,991	298,197	111
	Osage	7,658	9,012	15,897	208
	Ottawa	6,432	7,055	10,677	166
	Paiute	9,705	10,868	13,532	139
	Pima	8,519	9,518	11,493	135
	Potawatomi	15,817	16,409	25,595	162
	Pueblo	59,533	63,060	74,085	124
	Puget Sound Salish	11,034	11,260	14,631	133
	Seminole	12,431	15,413	27,431	221
	Shoshone	7,739	8,453	12,026	
	Sioux	108,272	113,066	153,360	142
	Tohono O'odham	17,466	18,180	20,087	115
	Ute	7,309	8,024	10,385	142
	Yakama	8,481	9,042	10,851	128
	Yaqui	15,224	16,469	22,412	147
	Yuman	7,295	7,821	8,976	
	All other tribes	240,447		357,658	
	Not specified	109,644	109,701	195,902	
	Reported tribal members	tallied in:	:		
	Total Alaska Native tribes			116,915	130
	Athabaskan	14,520	15,335	18,838	
	Aleut	11,941	12,773	16,978	
	Eskimo	45,919		54,761	
	Tlingit-Haida	14,825		22,365	
	All other tribes	2,552	2,987	3,973	
	Not specified	6,161	6,531	8,702	
	**************************************		-,	,,,,,,	
	AI/AN tribes not specified	511,960	511,960	1,056,457	206
	11.000000000000000000000000000000000000				

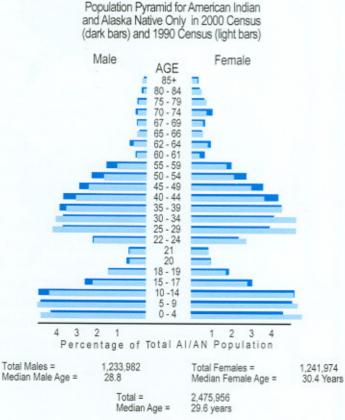




#### Graph 1



#### Graph 2



## Age and Household Composition included.

he American Indian and Alaska Native population is young, with a median age of 29.8 years (28.8 for males, 29.6 females) compared with Whites (35.5 overall, 34.3 for males, 36.6 for females). The population pyramids show the subtle yet distinct differences between AI/ANs and the general U.S. population. Graph 1 shows the overall U.S. population age pyramid, with light red for 1990 Census figures and dark red for 2000 Census figures. Longer bars indicate more people within that age group. The pyramid shows a broad neck at the top (more elderly) and a relative narrow base (fewer children) for the U.S. total population. For the AI/AN population (Graph 2) this changes slightly with a narrow neck at the top (fewer elderly) and a broad base (more children). Subtle differences also exist between males and females, both the general and the AI/AN populations have more elderly females. The graphs show that the AI/AN population is becoming more and more like the U.S. population. The decline in the number of children and the increase in the longevity of elderly will eventually reshape the pyramid into a pillar. With fewer children and increased life expectancy for elders, the proportion of elders in the overall AI/AN populations will increase dramatically.

Table 3 shows how this increase in the elderly population compares with other ethnic/racial groups in the U.S. Although AI/AN growth does not compare with the immigrant-based numbers of Asians and Hispanics, AI/AN young elderly (55-84) are increasing faster than those of the White and Black U.S. Populations.



Table 3: Elderly Population in 1900-2000 Censuses by Racial and Ethnic Groups

		55-64			65-74			75-84			85+			Total	
	1990	2000	Change	1990	2000	Change	1990	2000	Change	1990	2000	Change	1990	2000 (	hange
AI/AN	118,990	157,720	133	74,320	85,897	116	33,859	40,254	119	9,544	12,288	129	2,015,143	2,475,956	123
White	18,144,749	20,053,089	111	16,138,327	15,688,418	97	8,971,120	10,938,616	122	2,720,625	3,778,504	139	199,827,064	211,460,626	106
Black	1,995,548	2,370,110	119	1,511,617	1,613,172	107	767,205	896,489	117	222,019	313,289	141	29,930,524	34,658,190	116
Asian	465,524	776,544	167	295,142	494,151	167	118,333	244,148	206	29,099	62,496	215	7,226,986	10,242,998	142
Hispanic	1,166,097	1,710,440	147	450,294	1,076,619	239	194,566	506,264	260	81,645	150,708	185	21,900,089	35,305,818	161
Total	22,286,847	24,274,684	109	18,889,493	18,390,986	97	10,277,005	12,361,180	120	3,084,973	4,239,587	137	272,625,105	281,421,906	103

These differences in the age structure are also reflected in household size and composition (Table 4).

In the 2000 Census, 2.92 persons were reported per AI/AN household. AI/AN household size is greater than those of Whites or for Blacks, the same as for Asians, but less than for Pacific Islanders and other races.

In the 2000 Census, AI/ANs who own their own home reported having larger households. The average size of AI/AN families was 3.42 persons. Three times as many AI/AN females reported being head of the household than AI/AN males (Table 5).

I ouseholds can also be composed of non-family members. Among AI/ANs there were 172,881 households where non-relatives formed part of that household (Table 6). The majority of these households with non-relatives included an unmarried partner (around 75,000). The second largest category of AI/AN households included a house- or roommate with 37,161 of AI/AN households, followed by a roomer or boarder with 19,466 households. There were also 9,000 AI/AN households with foster children.

### Table 4: Average Household Size by Race

White		2.46
Black		2.69
AI/AN		2.92
Owner occupied	3.05	
Renter occupied	2.76	
Asian		2.92
Pacific Islanders		3.13
Other race		3.57
Two or more races		2.78
Hispanic		3.36

#### Table 5: AI/AN Families

560,189
2,005,993
3.42
341,198
218,991
58,685
160,306

#### Table 6: AI/ANs in Households

Non-Relatives in Households	172,881
In Family Households	97,751
Roomer or boarder	10,684
House/roommate	13,287
Unmarried partner	45,045
Foster child	7,868
Other	20,867
In Non-family Households	75,130
Roomer or boarder	8,782
House/roommate	23,874
Unmarried partner	29,913
Foster child	1,330
Other	11,231



Renter Occupied

Age of Householder 15 to 25 years

With more than 768,000 housing units occupied by AI/ANs—representing 0.7 percent of the total housing market in the U.S.—AI/ANs owned more than 55 percent of these units. As Table 7 shows, elders over age 55 own more than 133,442 units (31 percent of all AI/AN owned housing units). This represents about 45 percent of all elderly AI/ANs (55+) owning property, while 29 percent of the old elderly AI/ANs (85+) owned property.

with traditional families across racial boundaries. Map 8 portrays where the largest families of AI/ANs are located. The cluster of large families specifically mirrors Indian reservations and trust lands. In Alaska, this concentration fell within Calista, Bering Strait, and Nana Alaska Native Regional Corporation boundaries. A less dense pattern emerges for the distribution of institutionalized AI/ANs as illustrated in Map 9.

Concentrations of large AI/AN families in the Texas cities of Dallas, Austin, San Antonio, and Houston require further study, since Texas is a state with only three small Indian reservations.

Table 8 reports on counties that have the highest number of AI/ANs and the highest proportion of AI/ANs among their institutionalized population. These numbers predominantly reflect AI/ANs in correctional institutions.

- 0	
Total AI/AN Population in Occupied Housing Units	2,376,933
AI/AN Population in Owner Occupied Units	1,366,970
AI/AN Population in Renter Occupied Units	1,009,963
Occupied Housing Units in the United States	105,480,101
Total AI/AN Occupied Housing Units	768,778
AI/AN Owner Occupied	426,782
Age of Householder 15 to 25 years	12,389
25 to 34	63,901
35 to 44	112,152
45 to 54	104,898
55 to 64	67,902
65 to 74	41,481
75 to 84	19 301

Table 7: Occupied Housing Units

85+

25 to 34

35 to 44

45 to 54

55 to 64

65 to 74

75 to 84

## Table 8: Counties with the Highest Number and Proportion of AI/ANs in Institutions

	Total	AI/ANs	%
	in Institutions	in Institutions	of Total
AZ, Navajo county	1962	566	29
AK, Anchorage borough	1915	541	28
NM, San Juan county	972	474	49
NC, Robeson county	2362	468	20
SD, Minnehaha county	3114	467	15
NM, McKinley county	569	441	78
AZ, Apache county	851	405	48
AK, Kenai Peninsula borough	935	338	36
OK, Pittsburg county	2763	323	12
SD, Hughes county	708	269	38
SD, Pennington county	998	259	26
AK, Matanuska-Susitna borough	695	246	35
MS, Neshoba county	550	210	38

4,758

341,996

44.663

95,275

90,716

58,675

28,408

14.950

7,251

2.058



Map 8: Distribution of family and non-family households of Al/ANs only with more than 7 persons per household



Map 9 : Distribution of Al/ANs only in Institutions\*

\* Correctional/Juvenile, Nursing homes, Mental/General Hospitals or Wards, Hospice, and other Institutions



Map 10: Distribution of Al/AN Elders (65 +) who reported being in a Nursing Home, Hospital, or Mental Institution





## Table 9: Households with AI/AN Elders 65+

Households with AI/AN Elders 65 +	138,439
In Group Quarters	- 6,021
In Households	132,418
In Family Households	94,090
Head of Households	53,613
Male 65+ Head of Household	32,891
Female 65+ Head of Household	20,722
Spouse	23,477
Parent	8,792
Other Relative	6,744
Non Relative	1,464
In Non-Family Households	38,328
Male 65 + Living Alone	11,517
Female 65 + Living Alone	22,452

Table 10: Top Ten Cities with AI/ANs 65+ in Nursing Homes

122
88
74
71
61
57
54
47
46
44

Ein a nursing home, hospital or mental institution lived in distinct areas as Map 10 shows. Institutionalized elderly AI/ANs were primarily clustered around the four corners region of New Mexico, Arizona, and Utah, and in eastern Oklahoma. In Alaska, the primary clusters appeared around Juneau. However, most AI/AN elders primarily lived at home as Table 9 portrays.

A lthough 6,021 households with AI/AN elders were in group quarters—either institutionalized (eg., hospital or correctional facilities) or non-institutionalized settings (eg., military quarters, mental homes, or college campuses)—more than 138,000 family and non-family households included an AI/AN elder (Table 9).

S eventy percent of these were households composed of the elder's family members. In most cases (56 percent), the elders themselves were the head of household with 32,000 male, and 20,000 female heads of households nationwide. In the 2000 Census, 22,452 households of elderly females lived alone—twice the number of male elders.

W ith the increasing elderly AI/AN population, the provision of elder care is a primary concern. With 4,372 AI/AN elders reported to be in a nursing home, hospital, or mental institution at the time the 2000 Census was taken, there is growing pressure to review this trend.

Table 10 reports the top ten cities with AI/ANs 65 years and older in a nursing home. Such detailed information has specific implications for tribal social and medical service development. The 2000 Census counted 3,666 elderly AI/ANs in nursing



homes, in 1,033 geographic locations throughout the United States. Long-term care for AI/ANs is now one of the many challenges affected by these changing demographics.

Table 11 summarizes some of the data, by states, discussed in this monograph. As data becomes available from the 2000 Census, more detailed information will emerge about the status of AI/ANs in the new Millennium.

Data comes from the Census 2000 Summary Files 1 and 2 which contain the 100 percent data (the information compiled from the questions asked in the Short Form of all U.S. residents and about household composition). Population categories include sex, age, race, Hispanic or Latino, household relationship, and group quarters. For further information contact Data Analysis Service.

Table 11: Summary Table for the 2000 Census Elements By State

Alabams 18,295 (2430) 15166 2037 966 4183 2019 567 57 18781 1 240 240 164 2039 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18		AVANs in 1990 Censu	2000 Census AI/ANs Single Race	AVAN Children	AVAN Elders 55+	AI/AN Old Elders 85+	Change between 1990/2000 Census	Increases when.	Blackfeet	Cree	Cherokee	Seminole	Osage	7 Person AI/AN Households	AI/AN Instituionalized	AL/AN Elderly in hospitals/home
Alaska 86125 98043 74572 11490 475 -37016 21198 522 61 2213 129 93 2077 2022 171 Arzora 204589 2258579 201135 72790 3188 100137 36674 1051 187 0785 268 225 6944 2401 3013 397 Arzora 204589 2258579 201135 72790 3188 100137 36674 1051 187 0785 268 225 6944 2401 3013 397 Arzora 204589 333346 328644 39559 1480 98033 244216 181 13326 339 425 439 902 California 248929 333346 328644 39559 1480 98033 244216 181 13326 339 425 439 902 California 248929 378346 34241 30683 3450 150 15532 2494216 181 13326 339 425 439 902 California 248029 383346 328644 39559 1480 98033 244216 181 13326 339 425 439 902 California 248029 383346 328644 39559 1480 98033 244216 181 13326 339 425 439 902 California 248029 38341 3450 150 15532 210 1553	STATE		Map 1	Map 2	Map 3	Map 4	Map 5	Map 6	Map 7.1	Map 7.2	Map 7.3	Map 7.4	Map 7.5	Map 8	Map 9	Map 10
TOTAL 2015143 2475956 1819306 296159 12288 460813 1643345 85750 7734 729533 27431 15897 38077 34575 4372	Alaska Arizoena Arkarisas California Colorado Connecticut Delaware Dis, of Columbia Florida Georgia Hawaii Idaho Illinois Indiana Jowa Kansas Kentucky Louisiana Maine Maryland Massachusetts Mechigan Minnesota Missisaippi Missouri Moetana Newada New Hampshire New Jersey New Mexico New York North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania Rhode Island South Carolina S	86125 204589 14320 248929 28544 6800 2199 15593 12599 12619 15583 5596 14677 14494 20075 24077 14494 20378 12585 12585 12585 12585 12585 12586 12331 12564 12769 12564 12331 124647 134035 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12564 15769 12576 15769 12564 15776 15769 12564 15776 15769 12564 15776 15769 12564 15776 15769 12564 15776 15769 12564 15776 15769 15776	98043 255879 17808 333346 44241 9639 2721 1713 53541 21737 3535 17645 58989 24936 8616 25477 1798 15423 15615 58479 54967 11652 25076 26420 2964 2964 2964 2964 2964 2964 2173483 313129 24486 273230 45211 137483 15121 13718 62283 15121 13718 62283	74572 200125 12607 238444 30683 6691 1817 1157 33214 14028 13037 21903 10489 6760 17744 5480 18084 5137 10504 10707 41873 41572 8590 16896 134179 18884 13566 134179 206612 232577 12714 3964 9123 50783 9662 2244 9123 50783	11490 27908 2479 39539 4350 1219 510 351 7519 2458 413 1971 3179 1888 778 2832 1201 3486 5393 1383 3542 6055 1389 3616 3388 2714 20461 10408 13796 3216 36942 25340 2718 686 1700 5771 2101 14286 2290 308 2889 10667 647 5095	475 1388 84 1480 150 577 22 22 279 69 128 655 255 109 488 425 279 177 179 199 178 181 1285 577 177 199 133 1782 181 1222 181 1222 181 1222 181 1222 181 1222 181 1222 181 1222 181 1222 181 1222 181 181	-37016 100137 -5060 90433 15532 4197 88 1651 11240 11732 11060 4484 6071 23902 1862 2391 2414 7442 2815 3569 306 6896 306 6896 306 6896 306 5865 25715 1265 25865 25715 11769 2744 4827 10089 2744 4827 10089 507 7503	21198 31673 19194 294216 35448 14849 394216 35438 3062 40439 31460 21347 9592 24217 252427 22427 22427 22427 22427 23218 24014 24015 24018 24014 23033 26107 7903 33023 4921 17992 28185 3899 51589 11891 1892 11992 32185 3899 51589 11876 3492 5504 13736 5998 24016 34702 5708 5998 24016 34702 5708 5998 5998 2407 5708 5708 5708 5708 5708 5708 5708 57	522 628 14310 1564 906 2186 2186 1124 927 754 441 927 754 536 6260 1508 15	61 187 41 1268 181 94 41 1268 181 99 99 101 123 62 62 62 62 28 28 29 23 92 23 92 23 92 24 44 45 99 175 329 236 64 38 107 76 66 82 82 82 83 84 85 86 86 87 87 88 88 88 88 88 88 88 88	3213 9785 17074 97838 13326 2961 1134 929 29602 17481 6231 3598 14215 2768 14215 9060 4037 19795 2746 3129 24468 830 9060 4037 19795 2746 3129 24468 15320 11427 2788 14215 2788 14215 2788 14215 2788 14215 2788 2788 2788 2788 2788 2788 2788 278	129 268 288 2855 339 1555 444 339 3335 516 201 888 313 1688 511 4355 102 1411 27 294 179 396 1444 107 340 806 3366 3366 3368 489 10205 3288 427 29 175 56 153 3110 93 356 482 27 104	93 252 296 2216 425 21 103 103 101 1133 41 112 410 122 410 123 410 124 44 417 427 427 427 427 427 427 427 427 427 42	20777 6944 439 91 107 6864 439 91 20 20 20 20 50 223 528 526 518 519 510 50 68 68 124 449 851 179 165 187 187 277 277 4002 187 527 527 527 527 527 527 527 527 527 52	2022 2405 1773 4772 902 193 333 97 652 490 277 215 568 243 720 166 1208 184 235 166 172 168 168 168 168 168 172 168 173 173 173 173 173 173 173 173 174 175 175 175 175 175 175 175 175 175 175	171 397 122 267 440 199 122 199 224 13 51 21 23 36 110 23 36 110 166 49 141 444 445 127 246 83 77 750 83 87 75 176 113 141 141 142 143 144 145 147 147 148 149 149 149 149 149 149 149 149 149 149
	TOTAL	2015143	2475956	1819306	296159	12288	460813	1643345	85750	7734	729533	27431	15897	38077	34575	4372



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