

## Worksheet 1-1

### U.S.A. Age Structure and Sex Ratio (2020)

Age Group	Males	Male %	Females	Female %	Age Group Population	Age Group's share of total population
0-4	10,055,063	51.10%	9,621,269	48.90%	19,676,332	5.94%
5-9	10,246,393	51.12%	9,798,759	48.88%	20,045,152	6.06%
10-14	10,777,513	51.10%	10,311,974	48.90%	21,089,487	6.37%
15-19	10,834,321	51.00%	10,408,587	49.00%	21,242,908	6.42%
20-24	11,322,732	50.87%	10,936,013	49.13%	22,258,745	6.72%
25-29	12,144,455	50.95%	11,690,875	49.05%	23,835,330	7.20%
30-34	11,702,514	50.76%	11,349,965	49.24%	23,052,479	6.96%
35-39	10,858,871	50.24%	10,756,920	49.76%	21,615,791	6.53%
40-44	10,118,582	49.86%	10,176,017	50.14%	20,294,599	6.13%
45-49	9,969,099	49.71%	10,084,699	50.29%	20,053,798	6.06%
50-54	10,319,535	50.15%	10,258,272	49.85%	20,577,807	6.22%
55-59	10,702,065	49.68%	10,840,205	50.32%	21,542,270	6.51%
60-64	10,049,886	48.62%	10,619,257	51.38%	20,669,143	6.24%
65-69	8,465,274	47.51%	9,353,753	52.49%	17,819,027	5.38%
70-74	6,645,519	46.29%	7,709,344	53.71%	14,354,863	4.34%
75-79	4,326,986	44.48%	5,400,748	55.52%	9,727,734	2.94%
80-84	2,805,623	43.42%	3,655,579	56.58%	6,461,202	1.95%
85-89	1,538,659	39.34%	2,372,445	60.66%	3,911,104	1.18%
90-94	703,131	34.28%	1,348,005	65.72%	2,051,136	0.62%
95-99	179,003	28.57%	447,633	71.43%	626,636	0.19%
100+	20,792	21.41%	76,312	78.59%	97,104	0.03%

1. Check the number of females and males from each age categories on table, *U.S.A. Age Structure and Sex Ratio (2020)*. (12 age categories: 10-14, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69)
2. Add bars on the Worksheet 1-2 population pyramid. (make sure to use two different colors for female and male bars)
3. Discuss the following questions in your group:

Q1. Compare the U.S. population between 2020 and 2050. What does the information in the population pyramid imply about the population in the United States?

Q2. Are there other ways to describe the demography?

# Worksheet 1-2

1960

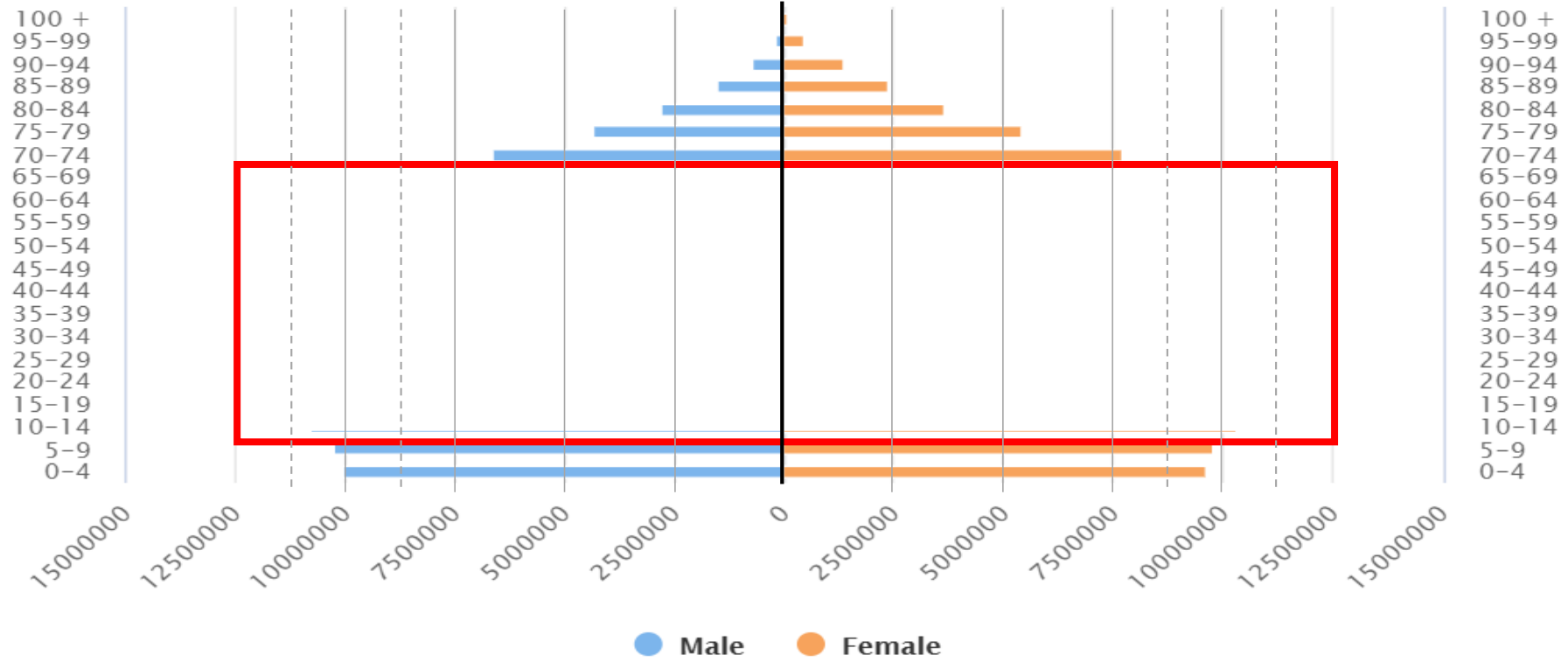
1990

2020

2050

2080

U.S.A. (2020 population) - view data table



## Worksheet 2

### What were some key takeaways from the videos?

- What is the current situation of Japan's super-aged society? How does having a super-aged society influence Japan?
- What other questions about aging societies would you like to find out more about?

### Research about Japan's super-aged society

Factors	Consequences	Government's response
	→	→
	→	→
	→	→
	→	→
	→	→

Do you think the Japanese government is responding effectively to the issue?

# Worksheet 3-1

## Number of Women (Retrieved from [“The 2018 Natality User Guide”](#) p.93 Table 2)

**Table 2. Estimated total population, female population aged 15-44 years, and age-specific female population: United States, each state, and territory: July 1, 2018**

Geographic Area	Total population	Female population										
		15-44 years	10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
				Total	15-17 years	18-19 years						
United States	327,167,434	64,171,698	10,220,687	10,322,313	6,130,081	4,192,232	10,672,032	11,542,918	10,944,147	10,773,397	9,916,891	10,483,140
Alabama	4,887,871	948,768	152,218	155,697	92,674	63,023	161,564	170,662	155,481	156,327	149,037	161,205
Alaska	737,438	145,589	24,119	21,956	14,114	7,842	22,645	28,568	27,195	24,729	20,496	20,794
Arizona	7,171,646	1,377,098	233,528	231,635	136,752	94,883	236,024	248,857	225,624	225,128	209,830	216,819
Arkansas	3,013,825	577,998	98,147	96,352	57,738	38,614	98,968	102,518	94,988	95,903	89,269	93,445
California	39,557,045	8,089,001	1,245,877	1,245,863	740,522	505,341	1,315,837	1,510,265	1,414,252	1,354,752	1,248,032	1,289,137
Colorado	5,695,564	1,161,860	178,620	176,272	105,160	71,112	180,068	216,289	210,403	201,221	177,607	179,672
Connecticut	3,572,665	669,829	107,100	118,377	67,200	51,177	117,948	107,163	110,610	110,641	105,090	121,234
Delaware	967,171	179,749	28,604	29,783	17,014	12,769	28,657	33,210	31,104	29,794	27,201	30,219
District of Columbia	702,455	188,939	14,279	19,365	7,810	11,555	29,131	44,445	42,474	31,627	21,897	19,228
Florida	21,299,325	3,875,027	591,390	5,889,466	3,539,426	2,350,004	6,201,696	7,036,998	6,672,333	6,610,909	6,338,991	6,857,663
Georgia	10,519,475	2,163,399	357,344	357,658	214,181	143,477	352,473	383,763	358,841	364,309	346,355	370,050

## Births to Women in Age Group (Retrieved from [“National Vital Statistics Reports”](#) p. 15 Table 3)

**Table 3. Births, by age (years) of mother, live-birth order, and race and Hispanic origin of mother: United States, 2018**

[Live-birth order refers to number of children born alive to mother]

Live-birth order and race and Hispanic origin of mother	All ages	Under 15	15-19							20-24	25-29	30-34	35-39	40-44	45-49	50-54
			Total	15	16	17	18	19								
All races and origins <sup>1</sup>	3,791,712	1,736	179,871	4,953	13,088	26,250	50,088	85,492	726,175	1,099,491	1,090,697	566,786	117,381	8,616	959	
1st child	1,433,915	1,712	151,440	4,842	12,458	23,863	42,670	67,607	383,388	409,940	332,492	127,893	24,364	2,375	311	
2nd child	1,208,762	16	24,506	91	586	2,196	6,535	15,098	231,051	362,863	370,337	185,345	32,257	2,154	233	
3rd child	651,049	1	3,122	4	18	136	714	2,250	81,852	200,639	214,401	125,246	24,191	1,457	140	
4th child	283,877	-	332	-	4	7	45	276	21,454	81,158	99,793	64,469	15,597	957	117	
5th child	111,885	-	42	-	-	1	14	27	4,966	27,694	39,788	30,271	8,481	573	70	
6th child	47,066	-	12	-	1	-	1	10	1,061	9,304	17,144	14,609	4,557	343	36	
7th child	21,456	-	4	-	-	-	-	4	248	3,034	7,649	7,646	2,644	208	23	
8th child and over	23,095	-	13	-	-	-	2	11	237	1,695	6,061	9,687	4,869	505	28	
Not stated	10,607	7	400	16	21	47	107	209	1,918	3,164	3,032	1,620	421	44	1	
Non-Hispanic, single race <sup>2</sup>																
White	1,956,413	337	64,917	1,244	3,555	8,237	17,848	34,033	326,575	576,811	624,015	304,062	55,417	3,875	404	

## Worksheet 3-2

<Column 1>

<Column 2>

Age of Women	Number of Women	Births to Women in Age Group	Age-specific Birth Rate (Column2/Column1)
15-19			
20-24			
25-29			
30-34			
35-39			
40-44			

Sum =

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Total Fertility Rate (= Sum  $\times$  5) =

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## Worksheet 4

Factors/reasons of Japan's declining fertility rate	Government's response






Are Japanese women **NOT willing** to have children? Or They **cannot** have children?  
**WHY?**

Do you think the Japanese government is responding effectively to the issue?

## Worksheet 5

What was the situation of declining fertility rate in France? Did declining fertility rate cause some issues?

How did the French government respond to the declining fertility rate? What did they do?

Factors	Government's response
	
	
	
	
	

## Worksheet 6-1

Discussion Topic: \_\_\_\_\_

My Opinion (before discussion)

My Point	Background Info (Data/Facts)	Reasoning (Why it's important)

Opposite Opinion

My Opinion (after discussion)



**Flow sheet**

1. Affirmative Side Argument	3. Negative Side Argument	5. Affirmative Side Argument	6. Negative Side Argument	7. Affirmative Side Argument	8. Negative Side Argument
2. Questions from Negative Side	4. Questions from Affirmative Side				