The Census

The United States government conducts a *census* every ten years, as required by the Constitution. A *census* is a count of all the people in an area. The U.S. Census is supposed to count all people living in the United States. Collecting information from every



person in a country is a massive amount of work. The 2010 Census cost about \$12 billion (12,000,000,000 dollars)! More than 600,000 people worked for U.S. Census Bureau when it collected population data in 2010.

1) Have you ever participated in the U.S. Census or other censuses? Do you know other people who have?

The History of the Census

The first nationwide census in the United States was in 1790, three years after the U.S. Constitution was completed. This was about a year after George Washington became president. The first census identified people who were considered white and counted them separately from people who were considered non-white.

2) Do you think the first U.S. census counted all people? Which groups of people do you think were counted? Put checkmarks next to these groups.

Black women	Native American men
Black men	White women
Native American women	White men

3) Some people were counted in the first Census, but were not allowed to vote. Put checkmarks next to groups who you think were allowed to vote in 1790.

Black women	Native American men
Black men	White women
Native American women	White men

DISTICTS	Freewbite Males of 16 years and up- wards, including beads of families.	Free white Males under fixieen years.	Free white Fe- males, including beads of families.	All other free for- fons.	Slaves.	Total.
Vermont	22435	22328	40505	255	16	85539
N. Hampfbire	36086		70160		158	141885 .
Maine	24384		10			
Maffachufetts	95453				NONE	378787
Rhode Island	16019				948	68825
Connecticut	60523			2808		237946
New York	83700	78122	152320	4654		340120
New Jerfey	45251	41416	83287		11423	184139
Pennjylvania		106948	206363		3737	434373
Delaware	11783	12143	22384	3899	8887	59094
Maryland	55915	51339		8043	103036	319728
Virginia	110936	116135	215046	12866	292627	747610
Kentucky	15154		28922	114	12430	73677
N. Carolina	69988	77506	140710		100572	
S. Carolina	35576	37722				249073
Georgia	13103			398	29264	82548
	807094	791850	1541263	59150	694280	3893635

Look at the count from the 1790 census below.

Image courtesy of U.S. Census Bureau

Categories:

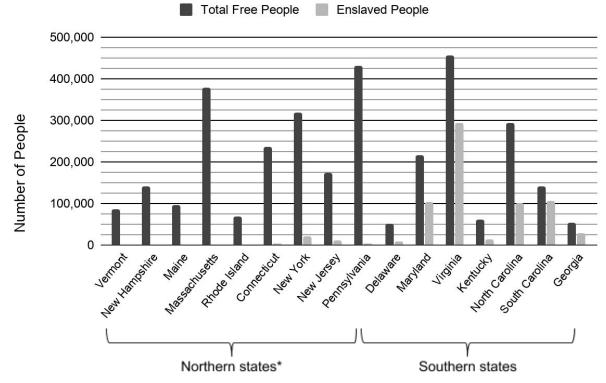
Free white Males of 16 years and upwards,	All other free persons.
including heads of families.	Slaves.
Free white Males under sixteen years.	Total.
Free white Females, including heads of families.	

4) What do you notice?

- 5) What was the approximate total United States population in 1790?
 - A. Four hundred thousand C. Forty million
 - B. Four million D. Four hundred million
- 6) The total population number for Delaware of 59,094 was incorrect because of an adding error made at the time of the census. What was the actual total population?

State	Free white males of 16 years and upward	Free white males under 16 years	Free white females, including heads of families	All other free persons	Slaves	Total
Delaware	11,783	12,143	22,384	3,899	8,887	

- 7) Which three states had the highest total population?
- 8) Why do you think there are only 16 states listed above instead of 50?
- 9) "All other free persons" referred to free African-Americans and Native Americans not living on a reservation. Which state had the lowest number of "other free persons?" Why do you think this number was so low?
- 10) Which states had the lowest number of enslaved people?
- 11) Which states had the highest number of enslaved people?



Slavery and the 1790 Census

*In 1790, there were enslaved people in most Northern states, but the populations for some states were too small to show on this chart.

- 12) Based on the chart, about how many people were enslaved in New York?
 - A. 1,000
 - B. 5,000
 - C. 20,000
 - D. 100,000
- 13) Based on the chart, which of the following statements is false?
 - A. In Maryland, there were about half as many enslaved people as there were free people.
 - B. In South Carolina, there were almost as many enslaved people as there were free people.
 - C. There were no enslaved people in the North.
 - D. Of the Northern states, New York had the most enslaved people.

- 14) The total population of Virginia in 1790 was 747,610 and the enslaved population was 292,627. Approximately what percentage of Virginia's population was enslaved?
 - A. 3%
 - B. 10%
 - C. 20%
 - D. 40%
- 15) In which state was a higher percentage of the population enslaved compared with Virginia?

119 James of heads the state	Anton pour	Alle anno 1		
Jamilies The	When when	pres of	1	•
Abstract of the County Jown of Otsego	- 427 1068 - 815	695 1928 1582	640	8 133 192
german Flatte 354 Herkemer 406	-1141 301 -388	- 2092	. 2	11 20 8 77
Whites Town 689 	. 644	-1091 - 2868 - 772		
Chenango &	7201	/3/52	41	588

Why do we use the term *enslaved people* instead of *slaves*?

We say *enslaved people* instead of *slaves* because it helps us remember that we are talking about people. For some enslaved people, being in slavery was a temporary position because they were able to escape or buy their freedom. Most people were never able to escape slavery, but they remained people first. The word *enslaved* also reminds us that people don't just become slaves. They were enslaved by other people.

The count in Montgomery County, NY (1790) (U.S. Census Bureau)

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The United States Census

In the town of Flatbush in Brooklyn, NY, the 1790 census surveyed heads of families in each of the five categories:

white males ≥16 years	white males < 16 years	white females	All other free persons	Slaves	Total
160	153	238	12	378	

Vames of heads of familie us Bennet. 09 Rapalje 900 000 Ald do drick Eldu d. as Bette 02 ac Inidecker 0 0. fornee The Willian 9 99 Jatal. 48 25 53 30 104 2 56 82 82 130 53 78 Total in the 238

16) What do you notice about the count for Flatbush?

Some households and the totals for the town of Flatbush (Brooklyn), NY (1790) (U.S. Census Bureau) As you know, a census is a count of people in an area. Another way to say census is *enumeration*, since *enumerate* means "to count." A Census worker who goes door-to-door counting people is called an *enumerator* (or someone who counts). In 1790, enumerators counted people in the original 13 states. They included the districts of Kentucky, Maine, and Vermont even though they were not states yet.

Think about how this information was collected. There was no Internet, no telephone system, and no United States Post Office. Enumerators traveled all over the states, probably by horse, visiting each household and taking notes on the people who lived there. Enumerators knew how to read and write, but many people they visited did not. The census takers interviewed the head of each household (usually considered to be a man), who told them the number of persons in each household.

Both George Washington and Thomas Jefferson thought that the final count in 1790 was lower than it should have been (an *undercount*). They thought the true population of the country was more than the 3.9 million inhabitants counted in the census.

17) What are some possible reasons people would not have been counted in the 1790 Census?

At this point it is hard to know how many people were left out of the count, but we know that many African-American, Native Americans, and other people of color were undercounted or not counted at all in the early censuses in this country. Native Americans living on reservations were not counted.

18) What are some reasons why people from these specific groups would not have been included in the count?

We don't really know the percentage of people who were able to read and write in the United States in 1790. The enumerators didn't ask about the ability to read and write in the first census. We do know the percentage of people who knew how to read in later years because a question about literacy was included in the Census starting in 1870, just seven years after the Emancipation Proclamation¹ and five years after the end of the Civil War.

The graph below, based on data from the Census Bureau, shows the percentage of people who could read and write in any language, at different times in our nation's history. *Literacy* means the ability to read and write. A *literacy rate* is the percentage of people in a group who can read and write.

White Black and other 100 Percent Who Could Read and Write _____ 80 60 40 20 0 870 1880 1910 890 900 920 930 940 950 960 970 980 What do you notice?

Literacy Rates in the United States (1870-1980)

19)

¹ In 1863, during the Civil War, the Emancipation Proclamation by President Abraham Lincoln freed more than 3.5 million enslaved African-Americans in the southern Confederate states at war with the North. People enslaved in other states were freed by the Thirteenth Amendment to the U.S. Constitution in 1865.

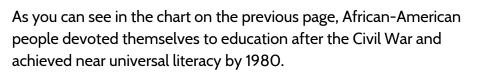
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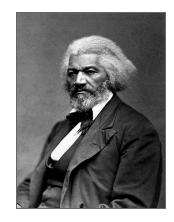
The United States Census

What it means to be *literate* has changed over time. In 1870, if you knew how to sign your name, you were considered literate. Over time, the definition of literacy has changed. In modern surveys, people are asked, "Can you read a newspaper? Can you write a letter? Can you write a short statement about your everyday life?" The answers to these questions indicate whether someone is literate.² Many people believe that the modern definition of literacy should include the ability to use numbers to understand the world (*numeracy*) and the ability to use computers to communicate and do research (*computer literacy*).

- 20) About what percentage of white people were literate in 1870?
- 21) About what percentage of Black people were literate in 1870?

During the era of slavery in the United States, the education of African-Americans, enslaved and free, was discouraged. It was illegal in many Southern states to teach an African-American person to read and write. Amazingly, many enslaved people risked violence and death and educated each other in secret. For example, the famous abolitionist³, Frederick Douglass, learned to read secretly as a child and eventually became a well-known author and leader against slavery.⁴





	% of Black and other		% of	white
Year	Literate	Non-literate	Literate	Non-literate
1870	20%	80%	88%	12%
1920	77%		96%	
1979	98.4%		99.6%	

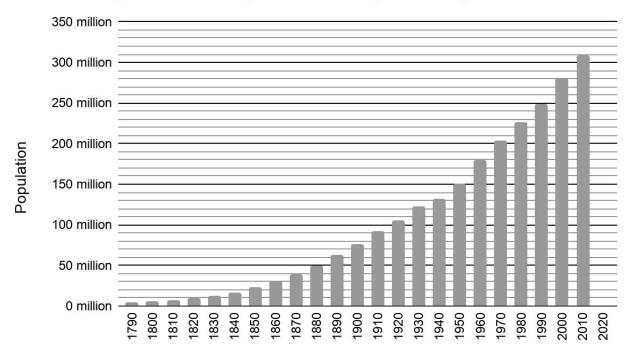
22) Complete the table.

² https://ourworldindata.org/how-is-literacy-measured

³ An *abolitionist* is a person who believes that a practice should be *abolished* or ended. Abolitionists in the early United States believed that slavery should be abolished.

⁴ https://en.wikipedia.org/wiki/Education_during_the_slave_period

The graph below shows the total population from the 1790 through 2010 censuses. The next census happens in 2020.



Total U.S. Population According to the Census (1790-2010)

23) Write 3 true statements based on the graph. (You can write any statement you want, but make sure that you can provide evidence from the graph.)

- 24) How many times has the Census happened in the history of the United States?
- 25) What was the approximate U.S. population in 2000?
 - A. 250 million
 - B. 253 million
 - C. 265 million
 - D. 280 million
- 26) What was the approximate U.S. population in 2010?
- 27) Mark the following statements true or false.

Statement	True	False
The U.S. population in 1900 was about 75 million people.	\checkmark	
The U.S. population in 1820 was about twice what it was in 1800.		
The biggest 10-year increase in population was between 1940 and 1950.		
The population in 1960 was about 20% higher than in 1950.		
The population in 2010 was about 310 million, which is 30% higher than the population of about 280 million in 2000.		
The U.S. population grew by about 305 million people between 1790 and 2010.		

The Census and Political Representation

Data from the Census is used in different ways. In this section, we will look at how the Census is used to determine the number of political representatives of different communities.

28) Consider the following situation.

A school district is hiring 20 teachers to teach at three different schools. Each teacher can work at one school only.

School A: 100 students School B: 250 students

School C: 150 students

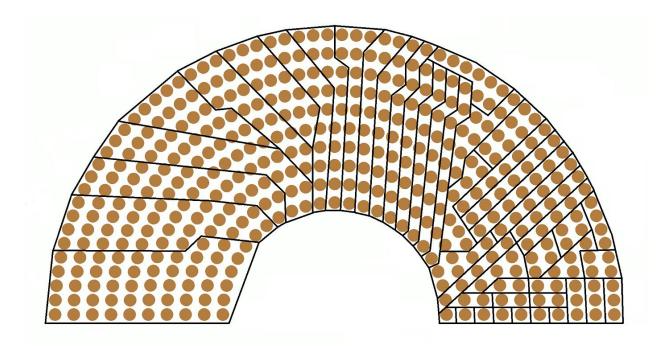
How many teachers should go to each school? Explain your thinking below.

29) How many students will be with each teacher?

A.	20	C.	30
	20	C .	50

B. 25 D. 50

The United States Census



30) What do you notice?

The federal government is split into three branches: executive, judicial, and legislative. The executive branch includes the president, advisors, departments and agencies. The judicial branch is made up of federal judges, federal courts, and the Supreme Court. The legislative branch is made of the Congress, which has two parts: the Senate and the House of Representatives. Congress writes all federal laws, declares war, regulates business, and controls taxes and the federal budget.

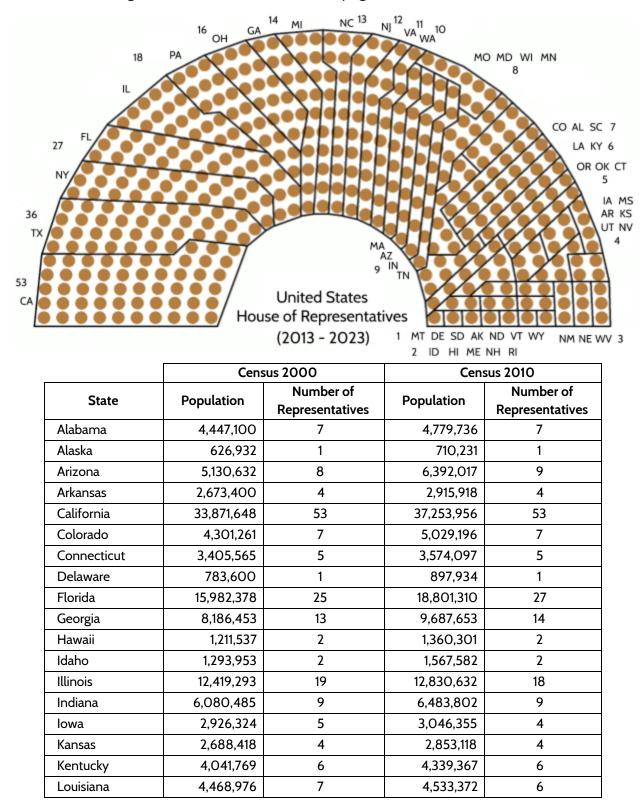
There are 100 senators in the Senate. Each state has exactly two senators, no matter how many people live in the state. This means that Wyoming, a state with a low population, has the same number of senators as California, a state with a high population.

In the House of Representatives, the number of representatives for each state is based on its population, which is determined by the Census. When the House of Representatives makes a decision about a law, a budget, taxes, or a war, all the representatives vote. States with more representatives have more power than states with fewer representatives.



The United States House of Representatives in 2003

- 31) Name 2 states that you think probably have a lot of representatives.
- 32) Name 2 states that you think probably don't have many representatives.



Look over the diagram and table on the next two pages.

	Cens	sus 2000	Cens	sus 2010
State	Population	Number of Representatives	Population	Number of Representatives
Maine	1,274,923	2	1,328,361	2
Maryland	5,296,486	8	5,773,552	8
Massachusetts	6,349,097	10	6,547,629	9
Michigan	9,938,444	15	9,883,640	14
Minnesota	4,919,479	8	5,303,925	8
Mississippi	2,844,658	4	2,967,297	4
Missouri	5,595,211	9	5,988,927	8
Montana	902,195	1	989,415	1
Nebraska	1,711,263	3	1,826,341	3
Nevada	1,998,257	3	2,700,551	4
New Hampshire	1,235,786	2	1,316,470	2
New Jersey	8,414,350	13	8,791,894	12
New Mexico	1,819,046	3	2,059,179	3
New York	18,976,457	29	19,378,102	27
North Carolina	8,049,313	13	9,535,483	13
North Dakota	642,200	1	672,591	1
Ohio	11,353,140	18	11,536,504	16
Oklahoma	3,450,654	5	3,751,351	5
Oregon	3,421,399	5	3,831,074	5
Pennsylvania	12,281,054	19	12,702,379	18
Rhode Island	1,048,319	2	1,052,567	2
South Carolina	4,012,012	6	4,625,364	7
South Dakota	754,844	1	814,180	1
Tennessee	5,689,283	9	6,346,105	9
Texas	20,851,820	32	25,145,561	36
Utah	2,233,169	3	2,763,885	4
Vermont	608,827	1	625,741	1
Virginia	7,078,515	11	8,001,024	11
Washington	5,894,121	9	6,724,540	10
West Virginia	1,808,344	3	1,852,994	3
Wisconsin	5,363,675	8	5,686,986	8
Wyoming	493,782	1	563,626	1
	280,849,847	435	308,143,815	435

33) Write a true statement based on evidence in the diagram and table above.

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- 34) Which six states had the most representatives in 2000?
- 35) Which six states have the most representatives in 2010?

After each census, the total number of representatives are split between the states, based on their new populations. This process is called *apportionment*, because each state gets their *portion* of political representation. Apportionment is the process of sharing representation based on population.



36) Using the map and the population and representation table above, describe three changes that happened as a result of the 2010 census.

Let's go back to the question of sharing 20 teachers with three schools. This is a process of *apportioning* teachers to each school based on their student population. The table below is one way to solve the problem.

Since there are 20 teachers and 500 total students, we know there are 25 students per teacher ($500 \text{ students} \div 20 \text{ teachers} = 25 \text{ students/teacher}$). We can then see how many teachers should be at each school, so that there is one teacher for every 25 students.

Fill in the missing blanks.

	Number of Students	Calculation	Number of Teachers
School A	100	100 ÷ 25 = 4	4
School B	250		10
School C	150		
Total	500		20

Determining the number of political representatives for each state is based on each state's population, but there are some decisions you will have to make that are different from the example above.

37) A small country needs to apportion 37 representatives to three different states.

State	Population
D	150,000
E	100,000
F	10,000

How many representatives should each state have? Make sure all the representatives are apportioned (assigned to a state).

Explain your thinking below.

Where Does the Money Go?

The population data from the census is also used to decide how much money each state receives from the federal government for a range of programs. After the census in 2010, New York State received \$73 billion (\$73,000,000,000) for a long list of programs and projects, including the following:

Medicaid and Medicare	Special education
College grants and loans	Housing loans
Food stamps	Home energy assistance
Highways and roads	Unemployment insurance
Section 8 housing vouchers	Child care
Temporary aid for needy families	Adoption and foster care
Children's health insurance	Adult education funding
School breakfast and lunch programs	and much more!

38) Which of the programs above do you think are important? Why?

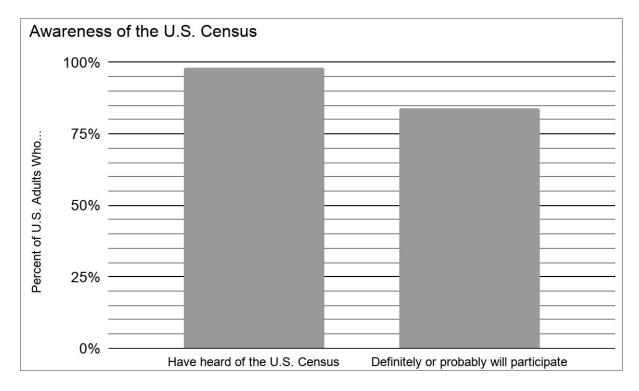
If a state's population is undercounted, the federal money it receives for the programs above will be lower than it should be. This means that there will be less money in the budget for these programs and people will receive reduced services and benefits.

Participating in the Census

39) Which of these groups of people do you think will be counted in the 2020 Census?

- American citizens
- Youth under 21
- People who are registered to vote
- □ Residents with a "green card"
- Undocumented people living in the United States

The following graph is based on a survey⁵ of about 7,000 U.S. adults in September 2019.



40) About what percent of the people surveyed had heard of the Census?

41) About what percent of the people surveyed had <u>not</u> heard of the Census?

⁵ https://www.pewresearch.org/fact-tank/2019/10/18/most-u-s-adults-intend-to-participate-in-2020-census/

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42) 84% of the people surveyed said they probably would participate in the Census. What percent of the people surveyed probably <u>won't</u> participate in the Census?

Researchers use surveys to understand different populations. Surveys are used to learn our political opinions, our shopping habits, what we watch on television, and other kinds of information about groups of people. It wouldn't be practical for researchers to talk to everyone in a population every time they wanted to understand public opinion. For this reason, researchers usually select a random *sample* of people to interview.

The telephone numbers of the 7,000 people in this survey were chosen randomly by a computer. The researchers expect that the results of this survey are true of all U.S. adults, since these 7,000 people statistically represent the whole population.

43) Do you agress that the opinions of these people surveyed are true of what U.S. adults think?

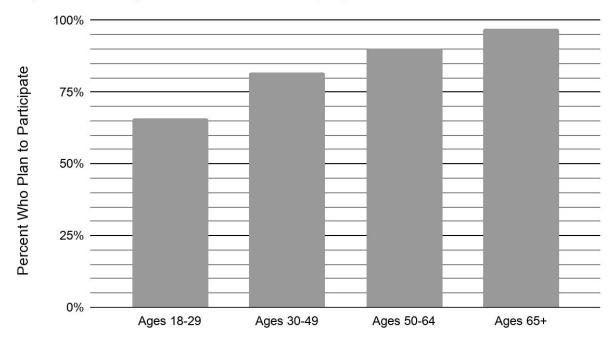
The Census is supposed to be a count of everyone living in the United States. It includes citizens and non-citizens, documented and undocumented immigrants, adults and children, people who are registered to vote and people who aren't registered to vote. Every household in the U.S. should receive a letter from the Census asking them to be part of the count. You don't have to be a citizen or registered to vote in order to be counted in the Census. People in the military are counted. People who are incarcerated are included in the count. People in long-term medical care are counted. Everyone is counted.

Since the Census is trying to count <u>everyone</u>, they will try hard to contact every household and every person in the United States. They will send a letter first. If you don't respond to the letter, they will send someone to knock on your door. If you don't answer the door, they will try again later. At some point, though, they will give up and you won't be counted.

Everyone living in the United States is counted except for people who don't respond to the Census.

44) Why do you think someone would not want to respond to the Census?

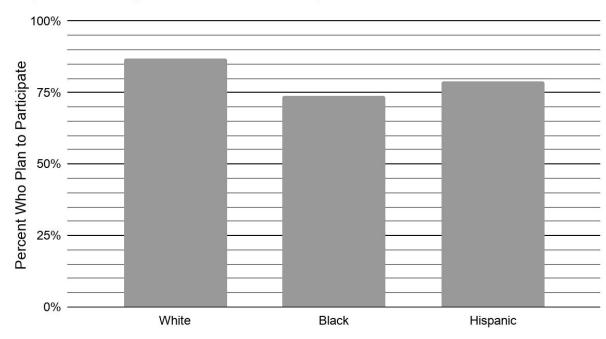
The data in the next three graphs is from the same survey of U.S. adults in September 2019. Look at the next graphs carefully.



Expected Participation in Census 2020 by Age

I.

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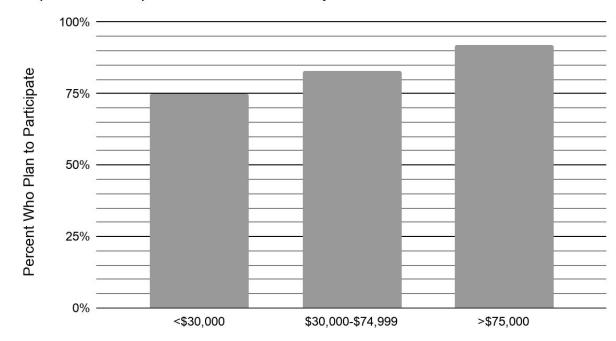


Expected Participation in Census 2020 by Race

Expected Participation in Census 2020 by Income

II.

III.



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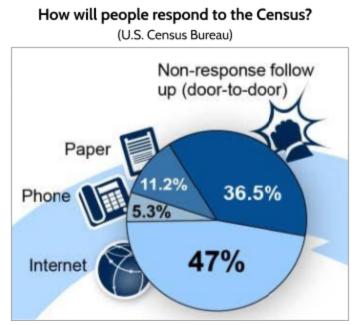
45) What is the relationship between age, race, and income and participation in Census 2020? Write a paragraph about the data from the three graphs above.

How the Census Works

- Most households receive a mailed invitation from the U.S. Census Bureau asking residents to complete the census questionnaire online. It is also possible to respond by telephone. Some people receive paper questionnaires, which can be mailed back postage-free.
- Someone from each household should complete the census form. For household questionnaires and responses, everyone who usually lives and sleeps in the home—including babies and small children—should be included. Respondents can call a toll-free number for assistance. Libraries and other organizations offer help filling out the forms.
- 3. If no one responds from a household, a census taker knocks on the door to count the people living in the household.

The Census Bureau predicted the following response rate in the 2020 Census.

- 46) There are about 100 million households in the United States. About many households are predicted to respond through the Internet?
 - A. 47,000
 - B. 470,000
 - C. 4,700,000
 - D. 47,000,000
- 47) About many doors will census takers have to knock on?



- 48) Do you think Census information will be shared with the police or immigration?
 - A. Yes
 - B. No

Can the police or immigration enforcement see Census records?

No. Census replies are confidential. By law, no one—neither the census takers nor any other Census Bureau employee—is permitted to reveal identifiable information about any person in a census response. Individual census records are sealed for 72 years, which means no one outside the Census Bureau can see these records.

Can I use Census records to find out about my ancestors?

Yes! Census records from more than 72 years ago are now public records, which means you can look up census records for your grandparents and great-grandparents if they lived in the United States and participated in the census. It also means that if you participate in the census now, your descendents can look at census records to learn more about you and their other ancestors.

Emil	Joseph	HezdiR	MW 43 MV893 Na 1902
	Sarah	Wife	FW 30 MV 900 N2 1902
	Elsie	Danghter	FW 155
	Nathan	Son	MW9S

1920 census record for the Emil family

The census information above is for my grandfather Nathan's family. He was 9 years old in 1920. His parents emigrated from Poland and both became naturalized citizens in 1902. Another section of the record shows the address where they lived in Brooklyn in 1920.

What if someone doesn't speak English?

You can fill out census forms in many different languages. For the 2020 Census, the U.S. Census Bureau plans to provide the census forms and materials in 13 languages. There will also be videos and other support in 60 languages. Go to <u>2020census.gov</u> for more information.

Can I work for the Census?

Yes! The Census Bureau looks for temporary workers every 10 years when the census is done. For information about working for the census, go to <u>2020census.gov/jobs</u>.

A Timeline of Voting Rights and the Census in the United States

Many people of color were left out of the Census for many years. For example, Native Americans were not counted until 1900. Enslaved African-Americans were counted as $\frac{3}{5}$ of a person for the purposes of calculating the number of representatives given to each state. This was a result of the Three-Fifths Compromise when the Constitution was originally agreed upon in 1787.

Many people who were counted in the Census were not allowed to vote. At the beginning of this country's history, only white men could vote, and only if they owned property! If you were not a white man and did not own land, you were not allowed to vote.

Women and people of color have fought for full citizenship and equal rights, including the right to vote.

Here is a brief timeline of voting rights and the Census in the United States:

- 1789 States were given the power to decide voting requirements. States usually limited this right to property-owning or tax-paying white males who are 21 years of age or older (about 6% of the population).
- 1856 States allowed all white men to vote, even if they did not own property.



The first election where women could vote (New York City, March 1918) Library of Congress

1865 The 13th Amendment abolished slavery.

"Neither slavery nor involuntary servitude, except as a punishment for crime whereof the party shall have been duly convicted, shall exist within the United States, or any place subject to their jurisdiction."

1865-1880

At least 13 states passed laws that took away the right to vote from people convicted of a felony.⁶

1868 The 14th Amendment to the Constitution officially ended the "three-fifths rule."

⁶ https://www.brennancenter.org/sites/default/files/2019-08/Report_Disenfranchisement_History.pdf

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"Representatives shall be apportioned among the several States according to their respective numbers, counting the whole number of persons in each State..."

1870 The 15th Amendment gave the right to vote to formerly enslaved people. (However, southern states created discriminatory barriers to prevent African-American people from voting. Violence and terror was also used to prevent Black people from voting.)

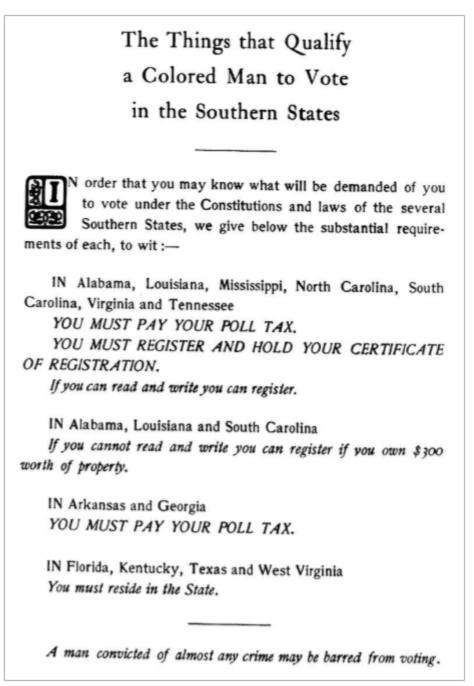
"The right of citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of race, color, or previous condition of servitude."

- 1880 An attempt was made to count Native Americans living on reservations, but it was discontinued and a full count was not made.
- 1887 Native Americans were granted citizenship and given the right to vote, if they left their tribe.
- 1900 Native Americans were counted in the full Census, including people living on reservations.
- 1920 Women were guaranteed the right to vote by the 19th Amendment to the Constitution.

"The right of citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of sex."

- 1943 Chinese immigrants were granted citizenship and the right to vote.
- 1964 The 24th Amendment to the Constitution prohibited states from making people pay a tax in order to vote. Until then, many Southern states had charged a "poll tax" in order to keep African-Americans from voting.
- 1965 The Voting Rights Act protected the right to vote for racial minorities, especially in the South.
- 1971 18-year-olds were given the right to vote with the 26th Amendment to the Constitution.
- 2008-2019

Many states passed laws that returned the right to vote to people convicted of a felony. In some states, people convicted of a felony still cannot vote. In all states except Maine and Vermont, currently incarcerated people cannot vote.



A page from a pamphlet encouraging African-American men to vote (published in Philadelphia around 1900) Library of Congress