2020 Census Geography and 2020 Census Redistricting Data

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Census Geography





Census Geography MAF/TIGER Database

Census Bureau's Master Address File (MAF)/Topologically Integrated Geographic Encoding and Referencing (TIGER) Database (MTDB).

Database includes the fifty states, the District of Columbia, Puerto Rico, and the Island areas (American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the United States Virgin Islands).

Features include polygon boundaries of geographic areas and features, linear features including roads and hydrography, and point features.





Census Geography Types of Census Boundaries

Legal

- States (and equivalents)
- Counties
- County subdivisions

(Towns & townships)

- Places (Incorporated)
- **Tribal areas** (Reservations and trust land)

Statistical

- Regions
- Divisions
- County subdivisions
 - (Census county divisions)
- Places (Census designated)
- Tribal areas (Statistical areas)
- Census tracts
- Block groups
- Tabulation blocks
- Metropolitan/Micropolitan areas
- Urban areas
- ZCTAs

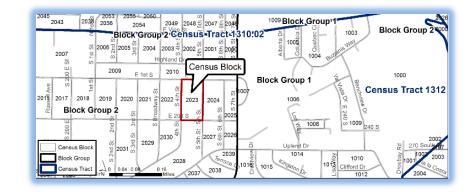
Administrative

- Election Areas
 - Congressional
 - State Legislative
 - Voting Districts
- School Districts



Census Geography Census Blocks

- The building blocks for all geographic boundaries the Census Bureau tabulates data generated every ten years
- The smallest level of geography you can get basic demographic data for, such as total population by age, sex, and race
- In a city, a census block looks like a city block bounded on all sides by streets
- In suburban and rural areas, census blocks may be large, irregular, and bounded by a variety of features, such as roads, streams, and transmission lines
- In remote areas, census blocks may encompass hundreds of square miles





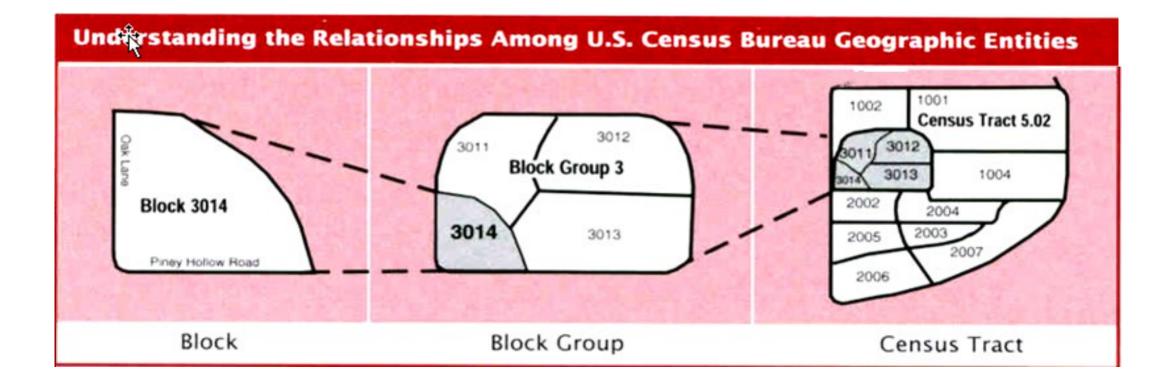
Census Geography Census Blocks

Census Blocks are not:

- Delineated based on population
 - Many census blocks do not have any population
- Permanent throughout the decade. They may be split when a change in another geographic boundary occurs, such as an incorporated place annexation
 - If a block is split in between decades, a suffix will be added to the block number. For example, block 1000 would become block 1000A and 1000B
- A boundary that can be used with American Community Survey (ACS) data
 - ACS data only go down to the block group level

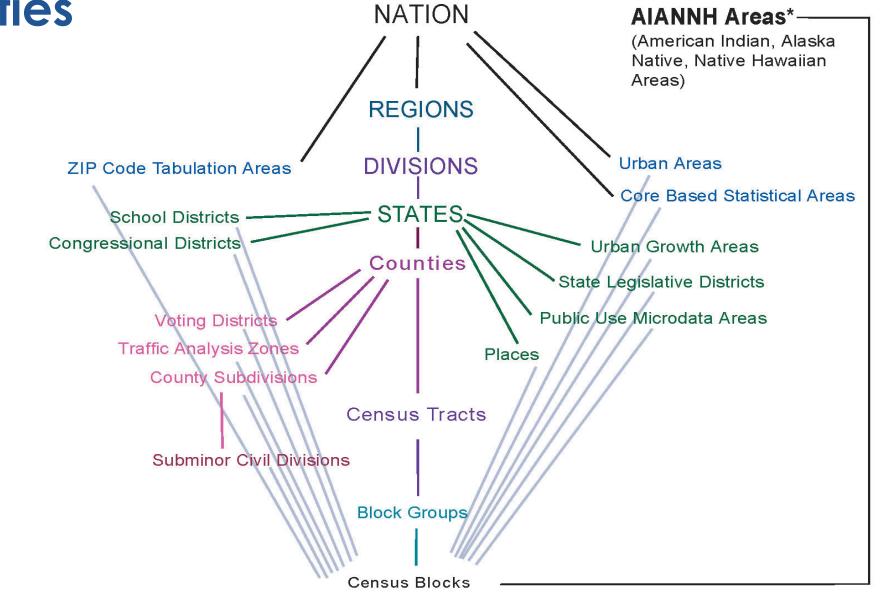


Census Geography Geographic Nesting





Hierarchy of Census Geographic Entities NATION AIAN





Census Block Count 1990-2020

National Census Blocks

Arizona Census Blocks

Decennial Census	Number of Census Blocks in U.S.*	Decennial Census	Number of Census Blocks in Arizona
2020	8,174,955	2020	155,444
2010	11,155,486	2010	241,666
2000	8,262,363	2000	158,294
1990	7,020,924	1990	103,093

*Includes 50 states, District of Columbia, and Puerto Rico





Census Block Change 2010-2020



Census Block Change 2010-2020





Redistricting Data Program & Products





Apportionment vs. Redistricting

		APPORTIONMENT	REDISTRICTING				
Coography	Largest	State	State				
Geography	Smallest	State	Census Block				
Who is counted		Resident Population + Federally Affiliated Count Overseas	Resident Population Only				
What is reported		Total Population only	Race, ethnicity, and select housing characteristics				
Disclosure Avoida	nce	None	Differentially Private (TopDown Algorithm)				
Current Timeline		By April 30, 2021	Legacy Format – by August 16, 2021				
			DVDs/Flash Drives & data.census.gov by September 30, 2021				



Census 2020

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2020 Census Redistricting Data Program Public Law 94-171

Program Mission: Provide states an opportunity to identify the geographic areas for which specific tabulations of population are needed for legislative redistricting and to deliver high quality data for those areas in a timely manner

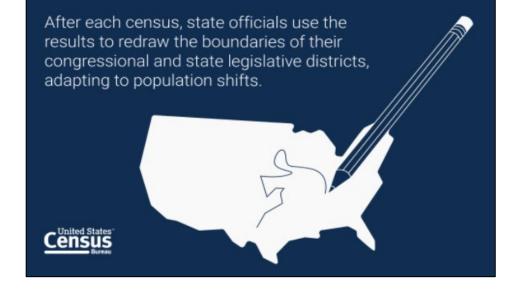
Identified "geographic areas desired":

- Census Tabulation Blocks
- Voting Districts (e.g. precincts, wards, etc.)
- Legislative and Congressional Districts

Requirements:

- Conduct the program in a non-partisan manner
- Establish program criteria
- Identify required tabulations
- Deliver the tabulations to the governor and the officers or public bodies having initial responsibility for the legislative apportionment or districting of each State no later than 1 year from Census Day*

*Delayed until Sept 30, 2021





2020 Census Redistricting Data Program The Five Phases of the Program

- Phase 1: Block Boundary Suggestion Project (BBSP)
- Phase 2: Voting District Project (VTD)
- Phase 3: Data Delivery
 - P.L. 94-171 Geographic Support Products
 - P.L. 94-171 Redistricting Data Tabulations
- Phase 4: Collection of Post-2020 Census Redistricting Plans
 - 118th Congressional District Plans
 - New State Legislative District Plans
- Phase 5: Evaluation of the 2020 RDP (View from the States)
 - Recommendations from the States
 - Design for the 2030 Census Redistricting Data Program

industry groups, institutions of higher	DEPARTMENT OF COMMERCE	Bureau will issue an invitation to the
education, and the Federal Government; to implement teaching initiatives to	Bureau of the Census	officers or public bodies having initial responsibility for legislative
increase awareness and effectively	[Docket Number 140626541-4541-01]	reapportionment and redistricting this
disseminate solutions to target audiences through extension activities;		fall through the Census Redistricting Data Office inviting states to identify a
and to increase the economic returns to	Establishment of the 2020 Census Redistricting Data Program	non-partisan liaison that will work
rural communities by identifying,	AGENCY: Bureau of the Census,	directly with the Census Bureau on the 2020 Census Redistricting Data Program.
attracting, and directing funds to high- priority agricultural issues. Where	Department of Commerce	Once these liaisons are established, the
practicable, the criteria for recognition	ACTION: Notice of Program.	Census Bureau will coordinate communications involving the
as a center of excellence shall also	SUMMARY: This notice announces and	communications involving the commencement of the program.
include efforts to improve teaching capacity and infrastructure at colleges	seeks comments on the establishment of	commencement of the program. Since the 1990 census, participation in both the Census Redistricting Data Program's Block Boundary Suggestion
and universities (including land-grant	the 2020 Census Redistricting Data Program. Required by law, the program	in both the Census Redistricting Data Program's Block Boundary Suggestion
colleges and universities, cooperating	provides states the opportunity to	Project and Voling District Project (2020)
forestry schools, Non Land Grant	specify the small geographic areas for	Kedistricting Data Program Phases 1 and
Colleges of Agriculture, and Schools of Veterinary Medicine). NIFA is	which they wish to receive 2020 decennial population totals for the	Redistricting Data Program Phases 1 and 2) under 13 L.C. is voluntary on the part of state state. However, if states
considering using a process where an	purpose of reapportionment and	choice of a participate in Phase 1 and
applicant could self-identify as a Center	redistricting.	In st 2, the Census Bureau cannot
of Excellence in an area of science as	DATES: Comments on this notice are chie	enuise that the decennial census 2020 tabulation geography will support the
part of a particular grant application (using the legislative criteria described	by September 5, 2014. The deadline	redistricting needs of their state.
above), and the applicant's justification	states to notify the Bureau of the unsu (Census Bureau) that they wish to participation Phase 1, the Welk	Phase 1: Block Boundary Suggestion
would be evaluated as part of the peer		Project (BBSP)
review process, or using a process separate from the grant application	Boundary Suggestion Project, 1 August	Beginning in the late summer of 2014,
process, where an applicant could	1, 2015. ADDRESSES: Playse direct all written	the Census Bureau will correspond with
request designation as a Center of	comments on his notice to the Director.	the legislative leadership and executive officer of each state to establish a 2020
Excellence, and should the Agency	U.S. Cens & Jureau, 4600 Silver Hill	Census Redistricting Data Program
grant such a designation, it would potentially be applicable to multiple	Road, Ko un 8H-002, Weshington DC	liaison. The Census Bureau will
grant competitions where proposed	19.	formally announce through a subsequent Federal Register Notice the
work fell within a particular area of	Catherine C McCully, Chief, Census	commencement of Phase 1, the Block
science.	Redistricting Data Office, U.S. Census	Boundary Suggestion Project (BBSP).
science. NIFA is holding web-based if using sessions to obtain commons to consider in developing approcess to	Bureau, Room 8H-019, Washington DC	The purpose of the BBSP is to afford states the opportunity to identify non-
sessions to obtain communications der in developing a process fa	20233, telephone (301) 763-4039. SUPPLEMENTARY INFORMATION: Under the	standard features often used as electoral
implementing the Centers of Excellence	provisions of Title 13, Section 141(c) of	boundaries (such as a powerline or
provision. The web-based listening	the United States Code (U.S.C.), the	stream, rather than a street centerline which might divide voters into two
sessions are open to the public. Written	Secretary of Commerce (Secretary) is	districts) as census block boundaries.
comments and suggestions may be submitted to Ms. Valeria Best at the	required to provide the "officers or public bodies having initial	The BBSP option affords the state
address above.	responsibility for the legislative	liaison the opportunity to provide suggestions for 2020 census tabulation
Implementation Plans	apportionment or districting of each state'' with the opportunity to	block boundaries resulting in more meaningful block data for the state.
NIFA plans to consider stakeholder	specify geographic areas (e.g., voting	Liaisons are able to work with local
input received from this web-based	districts) for which they wish to receive decennial census population counts for	officials including county election
listening session as well as other written	the purpose of reapportionment or	officers and others to ensure local geography is represented in the 2020
comments in developing a process to implement the Centers of Excellence	redistricting.	tabulation block inventory. In addition,
provision for FY 2015.	By April 1 of the year following the	the liaison, on behalf of the state, will
Done at Washington, DC this 10th day of	decennial census, the Secretary is required to furnish the state officials or	make suggestions for features not desirable as census tabulation blocks.
July, 2014.	their designees with population counts	By identifying undesirable features, the
Robert E. Holland,	for American Indian areas, counties,	liaison may assist the Bureau in
Acting Associate Director, Programs, National Institute of Food and Agriculture.	cities, census blocks, and state-specified congressional, legislative districts, and	reducing the overall number of census tabulation blocks from the 2010
Institute of Food and Agriculture. [FR Doc. 2014–16614 Filed 7–14–14: 8:45 am]	voting districts.	inventory. Beginning in late fall of 2015,
BILLING CODE 3410-22-P	In accordance with the provisions of	states that choose to participate in Phase
	13 U.S.C. 141(c), the Director of the Census Bureau, on behalf of the	1 will begin receiving guidelines and training for providing their suggestions
	Secretary of Commerce, announces the	for the 2020 census tabulation blocks as

establishment of the 2020 Census

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well as their suggestions for exclusion of

districting Data Program. The Census line segments for consideration in the



Redistricting Data Program Phase 3 – P.L. 94-171 Redistricting Data Geographic Support Products

2020 Census P.L. 94-171 Redistricting Data Geographic Products										
Product Type	Census Web Address									
Shapefiles	https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html									
Reference Maps	https://www.census.gov/geographies/reference-maps.html									
Block Assignment Files	https://www.census.gov/geographies/reference-files.html									
Name Lookup Tables	https://www.census.gov/geographies/reference-files/time-series/geo/name-lookup-tables.html									
Block to Block Relationship Files	https://www.census.gov/geographies/reference-files/time-series/geo/relationship-files.html									

- Shapefiles Geographic information system geometry files.
- Reference Maps (PDF only) County Block; State Legislative with Voting District; Census Tract; School District.
- Block Assignment Files Tables identifying the blocks used to build different geographic entities.
- Name Lookup Tables Contain names and codes for geographic areas within a state.
- Block to Block Relationship Files Crosswalk of 2010 blocks to 2020 blocks.



Redistricting Data Program Phase 3 – P.L. 94-171 Redistricting Data Tabulation Product

2020 Census P.L. 94-171 Redistricting Data Tabulations

Table P1 – Race

Table P2 – Hispanic or Latino, and not Hispanic or Latino by Race

Table P3 – Race for the Population 18 Years and Over

Table P4 – Hispanic or Latino, and not Hispanic or Latino by Race for the Population 18 Years and Over

Table H1 – Occupancy Status (Housing)

New Table

Table P5 – Group Quarters Population by Group Quarters Type

- All tables produced at multiple geographies including census block
- Group Quarter types: Correctional Institutions for Adults, Juvenile Facilities, Nursing Facilities/Skilled Nursing, Other Institutional, College/University Student Housing, Military quarters, and other noninstitutional
- Group quarters is total population only, no demographic breakdown





Redistricting Data Program P.L. 94-171 Redistricting Data Tabulation Product

Table P1 – RaceUniverse: Total Population

Table P3 – Race for the Population 18 Years and Over**Universe**: Total population 18 years and over

RACE [71]
Universe: Total population
Total:
Population of one race:
White alone
Black or African American alone
American Indian and Alaska Native alone
Asian alone
Native Hawaiian and Other Pacific Islander alone
Some Other Race alone
Two or More Races:
Population of two races:
White; Black or African American
White; American Indian and Alaska Native
White; Asian
White; Native Hawaiian and Other Pacific Islander
White; Some Other Race
Black or African American; American Indian and Alaska Native
Black or African American; Asian
Black or African American; Native Hawaiian and Other Pacific Islander
Black or African American; Some Other Race
American Indian and Alaska Native; Asian
American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander
American Indian and Alaska Native; Some Other Race
Asian; Native Hawaiian and Other Pacific Islander
Asian; Some Other Race
Native Hawaiian and Other Pacific Islander; Some Other Race
Population of six races:
White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race

Redistricting Data Program P.L. 94-171 Redistricting Data Tabulation Product

Table P2 – Hispanic or Latino, and Not Hispanic or Latino by Race **Universe**: Total population

Table P4 – Hispanic or Latino, and Not Hispanic or Latino by Race for the Population 18 Years and Over **Universe**: Total population 18 years and over

Jnive	rse: Total population
Total:	
His	panic or Latino
No	t Hispanic or Latino:
	Population of one race:
	White alone
	Black or African American alone
	American Indian and Alaska Native alone
	Asian alone
	Native Hawaiian and Other Pacific Islander alone
	Some Other Race alone
	Two or More Races:
	Population of two races:
	White; Black or African American
	White; American Indian and Alaska Native
	White; Asian
	White; Native Hawaiian and Other Pacific Islander
	White; Some Other Race
	Black or African American; American Indian and Alaska Native
	Black or African American; Asian
	Black or African American; Native Hawaiian and Other Pacific Islander
	Black or African American; Some Other Race
	American Indian and Alaska Native; Asian
	American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander
	American Indian and Alaska Native; Some Other Race
	Asian; Native Hawaiian and Other Pacific Islander
	Asian; Some Other Race
	Native Hawaiian and Other Pacific Islander; Some Other Race
	Population of six races:

HISPANIC OR LATINO. AND NOT HISPANIC OR LATINO BY RACE [73]

White; Black or African American; American Indian and Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; Some Other Race

Redistricting Data Program P.L. 94-171 Redistricting Data Tabulation Product

Table H1 – Occupancy StatusUniverse: Housing Units

- Total
- Occupied
- Vacant

Table P5 - Group Quarters Population by Group Quarters Type**Universe:** Total Population in Group Quarters

- Total
 - Institutionalized population
 - Correctional facilities for adults
 - Juvenile facilities
 - Nursing facilities/Skilled-nursing facilities
 - Other institutional facilities
 - Noninstitutionalized population
 - College/University student housing
 - Military quarters
 - Other non-institutional facilities







Ensure all records are coded to their most detailed level of geography.



Conduct characteristic editing and imputation that ensures each record has valid values for major characteristics.



Apply differential privacy to ensure confidentiality of responses.



Redistricting Data Program

Phase 3 – P.L. 94-171 Redistricting Data Processing



Tabulate and review all redistricting data in multiple formats.



Create physical media, load and test web-based systems.



Deliver data to the states and public by September 30.





Redistricting Data Program Public Law 94-171 official tools and materials

The user-friendly tools and materials we intend to deliver in September are the DVDs and Flash Drive and our Data.census.gov Data Explorer platform.

- DVDs and Flash Drives These are what we deliver to the official recipients with an integrated software browsing tool that allows intuitive browsing of the data. They also contain a custom extraction menu that allows for the extraction of large datasets from the device. Those extractions can then be imported easily into a Geographic Information System or database.
- Data Explorer web tool The data.census.gov Data Explorer is our online data browsing tool for both the official recipients and the public. Users of the Data Explorer platform can access many different census datasets, including the redistricting data. It has custom filters that allow the user to filter on those geographic and characteristic data for which they are interested. For example, a State could filter the data and easily identify the number of voting-age residents by race or ethnicity in each and every block within a census tract, county, or even for the entire state. They can then view, map, and download these datasets once they have set the filters with their choices.







Ensure all records are coded to their most detailed level of geography.



Conduct characteristic editing and imputation that ensures each record has valid values for major characteristics.



Apply differential privacy to ensure confidentiality of responses.



Redistricting Data Program

Phase 3 – P.L. 94-171 Redistricting Data Processing



Tabulate and review all redistricting data in multiple formats.

Legacy Format Summary Files



Create physical media, load and test web-based systems.



Deliver data to the states and public by September 30.





Redistricting Data Program Public Law 94-171 Legacy Format Summary Files

Legacy Format Summary Files

- Product was always part of the 2020 Census product plan
- Format produced and provided to the states since at least Census 2000
- Requires additional handling to properly extract data from this format
- Fully reviewed and cleared for publication by August 16, 2021
- The same data as what will be released in more user-friendly forms by September 30, 2021
 - Used as the source files for the DVD/Flash Drive creation
- Prototype data from the 2018 End-to-End Census Test is available for designing and testing redistricting systems
 - Only for Providence County, Rhode Island

Shape



Redistricting Data Program Public Law 94-171 Legacy Format Summary Files

Physical description

- 2020 formatting is four pipe delimited text files per state contained in a single .ZIP file
 - Geoheader contains all the geographic codes for the geography include in the redistricting dataset
 - Now contains a GEOCODE field so data can be easily joined to geography
 - Data Segment 1 Table P1: Race & Table P2: Hispanic or Latino, and not Hispanic or Latino by Race
 - Data Segment 2 Table P3: Race for the Population 18 Years and Over & Table P4: Hispanic or Latino, and not Hispanic or Latino by Race for the Population 18 and Over & Table H1 – Housing Status (Occupancy)
 - Data Segment 3 Table P5: Group Quarters Population by Group Quarters Type
- The geoheader must be used together with the data segments in order to access the data
- 2010 formatting was different
 - 3 files in total: 1 geoheader and 2 data segments
 - Geoheader was a fixed width format
 - Data segments were comma delimited
 - 25 **2020CENSUS.GOV**

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Shape

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Public Law 94-171 Legacy Format Summary Files

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Processing and Extracting Data

Link the
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Public Law 94-171 Legacy Format Summary Files

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Q: I want total population for my townships in RI.

Township identifier is in Summary Level field as 060

Total Population field is in data segment 1 as field P0010001

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/	427	4340	59720	76703	82619	000005	01	000	RI	PLST
5	18	813	30439	33271	34709	000006	01	000	RI	PLST
Screensho	72	2762	36592	43068	45484	000007	01	000	RI	PLST
	5	32	4202	4282	4550	000008	01	000	RI	PLST
portion of	1	236	9468	9854	10135	000009	01	000	RI	PLST
segment 1	30	646	23965	26507	27889	0000010	01	000	RI	PLST
	403	533	18900	21107	22130	0000011	01	000	RI	PLST
k -	73	2319	25408	30410	32664	0000012	01	000	RI	PLST
)	0	190	11239	11780	12308	0000013	01	000	RI	PLST
Shape	626	8770	41186	62475	70765	0000014	01	000	RI	PLST
	2302	24695	69996	149399	164341	0000015	01	000	RI	PLST
START HERE >	0	155	9687	10033	10489	0000016	01	000	RI	PLST
	140	345	19697	20874	21740	0000017	01	000	RI	PLST

Screenshot of portion of data segment 1



Public Law 94-171 Legacy Format Summary Files

∠ FILEID ▼	- STUSAB -	SUMLEV -	GEOVAR -	GEOCOMP -	CHARITER -	CIFSN -	LOGRECNO 🚽	GEOID 👻	GEOCODE -	REGION -	DIVISION -	STATE -	STATENS -	
PLST	RI	040	00	00	000	00	0000001	0400000US44	44	1	1	44	01219835	
PLST	RI	050	00	00	000	00	0000002	0500000US44007	44007	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000003	0600000US4400711800	4400711800	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000004	0600000US4400714140	4400714140	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000005	0600000US4400719180	4400719180	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000006	0600000US4400720080	4400720080	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000007	0600000US4400722960	4400722960	1	1	44	01219835	
PLST	RI	060	00	00	000	00	8000000	0600000US4400727460	4400727460	1	1	44	01219835	Screenshot of
PLST	RI	060	00	00	000	00	0000009	0600000US4400730340	4400730340	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000010	0600000US4400737720	4400737720	1	1	44	01219835	portion of
PLST	RI	060	00	00	000	00	0000011	0600000US4400741500	4400741500	1	1	44	01219835	geoheader
PLST	RI	060	00	00	000	00	0000012	0600000US4400751760	4400751760	1	1	44	01219835	Sconcaaci
PLST	RI	060	00	00	000	00	0000013	0600000US4400752480	4400752480	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000014	0600000US4400754640	4400754640	1	1	44	01219835	
PLST	RI	060	00	00	000	00	0000015	0600000US4400759000	4400759000	1	1	44	01219835	

Q: I want total population For my townships in RI.

Query: From the GEOHEADER file give me records where SUMLEV = 060. Output the corresponding GEOCODE, NAME (not shown on slide) and P0010001

FILEID 👻	STUSAB 👻	CHARITER -	CIFSN 👻	LOGRECNO	শ	P0010001 -	0010002 👻	P0010003 -	P0010004 🔹	P0010005 -	
PLST	RI	000	01	0000001		614053	566407	410378	49589	4269	
PLST	RI	000	01	0000002		614053	566407	410378	49589	4269	
PLST	RI	000	01	0000003		16558	15627	14940	95	46	
PLST	RI	000	01	0000004		17337	14497	6972	1065	38	
PLST	RI	000	01	0000005		82619	76703	59720	4340	427	
PLST	RI	000	01	0000006		34709	33271	30439	813	18	
PLST	RI	000	01	0000007		45484	43068	36592	2762	72	Screensho
PLST	RI	000	01	000008		4550	4282	4202	32	5	
PLST	RI	000	01	0000009		10135	9854	9468	236	1	portion o
PLST	RI	000	01	0000010		27889	26507	23965	646	30	segment
PLST	RI	000	01	0000011		22130	21107	18900	533	403	C
PLST	RI	000	01	0000012		32664	30410	25408	2319	73	
PLST	RI	000	01	0000013		12308	11780	11239	190	0	
PLST	RI	000	01	0000014		70765	62475	41186	8770	626	Shape
PLST	RI	000	01	0000015		164341	149399	69996	24695	2302	our future
PLST	RI	000	01	0000016		10489	10033	9687	155		TART HERE >
PLST	RI	000	01	0000017		21740	20874	19697	345	140	

Screenshot of portion of data segment 1



Redistricting Data Program Public Law 94-171 Legacy Format Summary Files

∠ SU	MLEV 👻	GEOCODE 👻	NAME -	P0010001 -
060)	4400711800	Burrillville town	16558
060)	4400714140	Central Falls city	17337
060)	4400719180	Cranston city	82619
060)	4400720080	Cumberland town	34709
060)	4400722960	East Providence city	45484
060)	4400727460	Foster town	4550
060)	4400730340	Glocester town	10135
060)	4400737720	Johnston town	27889
060)	4400741500	Lincoln town	22130
060)	4400751760	North Providence town	32664
060)	4400752480	North Smithfield town	12308
060)	4400754640	Pawtucket city	70765
060)	4400759000	Providence city	164341
060)	4400764220	Scituate town	10489
060)	4400766200	Smithfield town	21740
060)	4400780780	Woonsocket city	40335

Screenshot of results

Query Results: From the GEOHEADER file give me records where SUMLEV = 060 and output the corresponding GEOCODE, NAME and P0010001



Public Law 94-171 Legacy Format Summary Files

Support

- Consultations with major software vendors, NCSL, and individual states to ensure they understand the August format
- 2020 Census State Redistricting (P.L. 94-171) Summary File Technical Documentation
- Prototype P.L. 94-171 Redistricting Data Summary File
 - Content from the 2018 End-to-End Census Test in Providence County, RI
 - In the format planned for the 2020 Census Legacy Format Summary Files
- Header File Excel Format
 - Tabs for the header of each file which can be imported into other software or used within Excel
 - Tabs with plain English definition for the headers
- Microsoft Access database shell
 - Tables shells for each file
 - Example queries to demonstrate query logic and provide practice
 - Illustrated step-by-step guide on how to use the Microsoft Access database shell
- SAS script for import of the Legacy Format Summary File



Redistricting Data Program P.L. 94-171 Redistricting Data Delivery

Legacy Format Summary Files

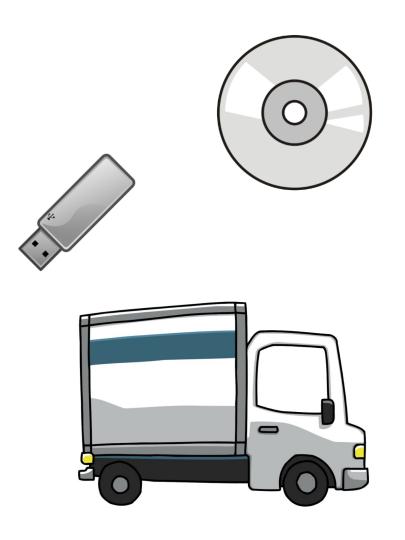
 Release files to states and public on Public File Transfer Protocol (Public FTP) site by August 16, 2021.

User-Friendly Format Summary Files

- Mail files to official state recipients on physical media (DVD/Flash Drive) by September 30, 2021 (Confirm Receipt).
- Release to states and public via the Data Explorer web tool <data.census.gov> by September 30, 2021.

Official State Recipients of the Data

- Governors
- Majority and Minority Legislative Leadership
- Redistricting Commissions (if established)
- Non-partisan State Liaisons





Redistricting Data Program Where to get the data.

WWW.CENSUS.GOV/RDO

Voting Rights Data (Section 203 & CVAP)

Decennial Census of Population and Housing

Why a Census?	Σ						
	Ð	REDISTRICTING & VOTING RIGHTS DATA OFFICE (RDO@CENSUS.GOV OR 301-763-4039)					
History of the Census Census in the Constitution	in	MAY 05, 2017 Redistricting Data Program Congressional Districts					
Decennial and the American Community Survey (ACS)		Guidance and access to information about congressional districts and congressional district products					
Coverage Measurement		MAY 08, 2017					
Local Update of Census Addresses Operation (LUCA)		Redistricting Data Program State Legislative Districts Guidance and access to information about state legislative districts and state legislative district produ					
New Construction Program		MAY 08, 2017 Decennial Census P.L. 94-171 Redistricting Data Summary Files					
Participant Statistical Areas Program (PSAP)		Guidance and documentation to assist in accessing P.L. 94-171 Redistricting Data					
Redistricting							
Voting Rights		→ Redistricting Data Program Management					
Related Sites		Guidance about and for participation in the Redistricting Data Program for the current and past Decenr Censuses.					
Information for Respondents							
By Decade							
		ototype Data & Legacy format summary Shape support materials					

Thank You

James Whitehorne Chief - Census Redistricting & Voting Rights Data Office Email: <u>rdo@census.gov</u> Phone: 1-301-763-4039 Web: www.census.gov/rdo

