

Population Estimates from the U.S. Census Bureau

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Demographer

Estimates & Projections Area

Population Division

New Mexico Data Users Conference

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Overview of Presentation

- What we mean by “estimates”
- Why we disseminate estimates
- How estimates are made
- When estimates products are available
- Where estimates products can be accessed
- Where to learn more
- Questions

What We Mean by “Estimates”

- “Estimates” are the official measures of population and housing units between censuses
- Population Estimates Program (PEP) estimates are:
 - Based on date of the previous decennial census
 - Produced primarily using administrative records data on components of change, such as births, deaths, and migration
 - Typically made for prior dates with some short-term projections
 - Include annual data for July 1 each year
 - Include monthly estimates at the national level

Why We Disseminate Estimates

**Federal Mandate
(U.S.C. Title 13)**

**Allocation of
federal funds**

**Program planning for
public and private
services**

**Controls for
federal surveys**

Population and Housing Unit Estimates by Type and Geography

Estimate Type	U.S.	States	Metro/ Micro Statistical Areas	Counties	Cities and Towns	Puerto Rico	Puerto Rico Municipios
Total Resident Population	X	X	X	X	X	X	X
Components of Change (Births, Deaths, Net Migration)	X	X	X	X		X	
Population Characteristics (Age, Sex, Race, Hispanic Origin*)	X	X		X		X	X
Monthly Population (Five Universes**)	X						
Group Quarters Population	X (by char)	X (totals)		X (totals)			
Housing Units	X	X		X			

*For Puerto Rico Commonwealth and its municipios, population estimates are produced by age and sex only.

**The five estimates universes are: resident, resident plus Armed Forces overseas, civilian, civilian noninstitutionalized, household.

Estimates Methodology

National, state, and county populations

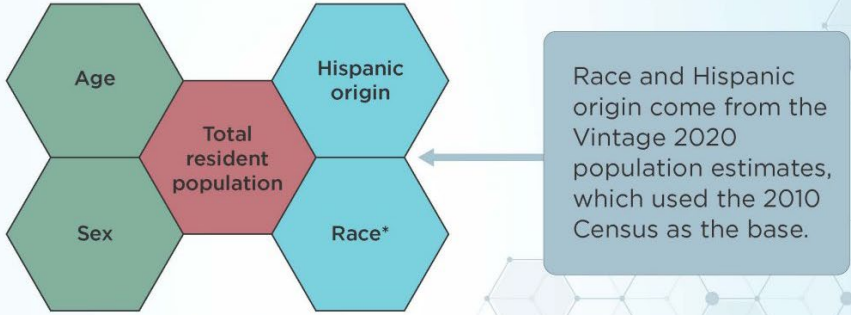
Cohort-component method



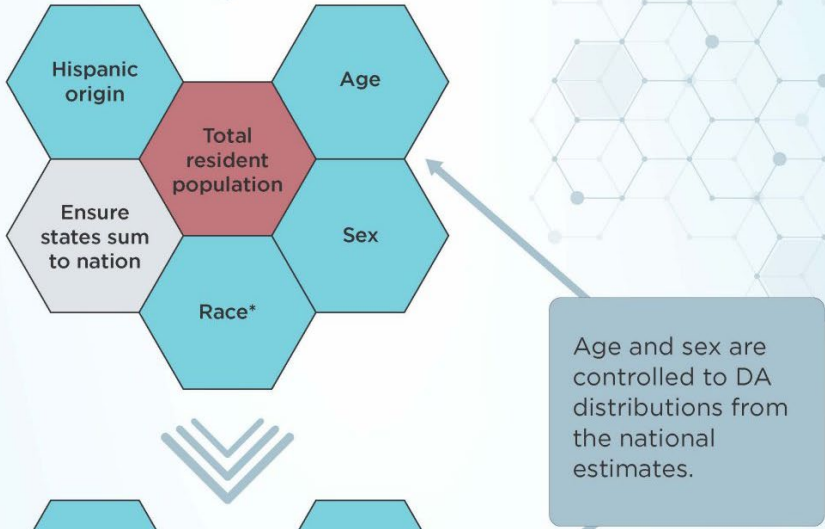
- Cohort-component method measures population change since the last census using the most current administrative records on births, deaths, and migration
- Population base represents the date of the latest decennial census

Blended Base Approach

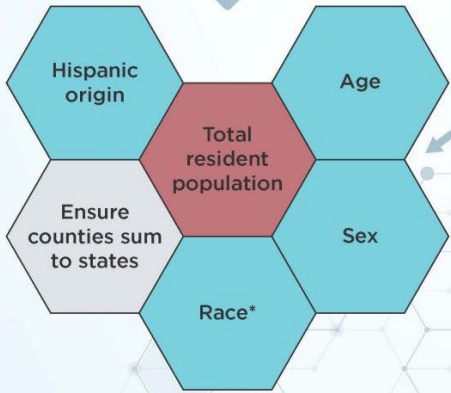
Nation



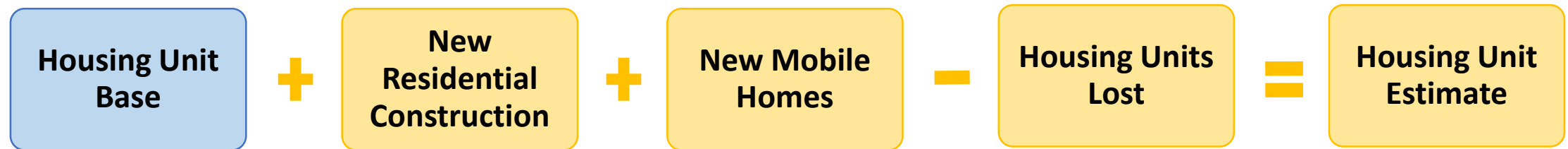
States



Counties



Housing Unit Estimates: *Components of Change Method*

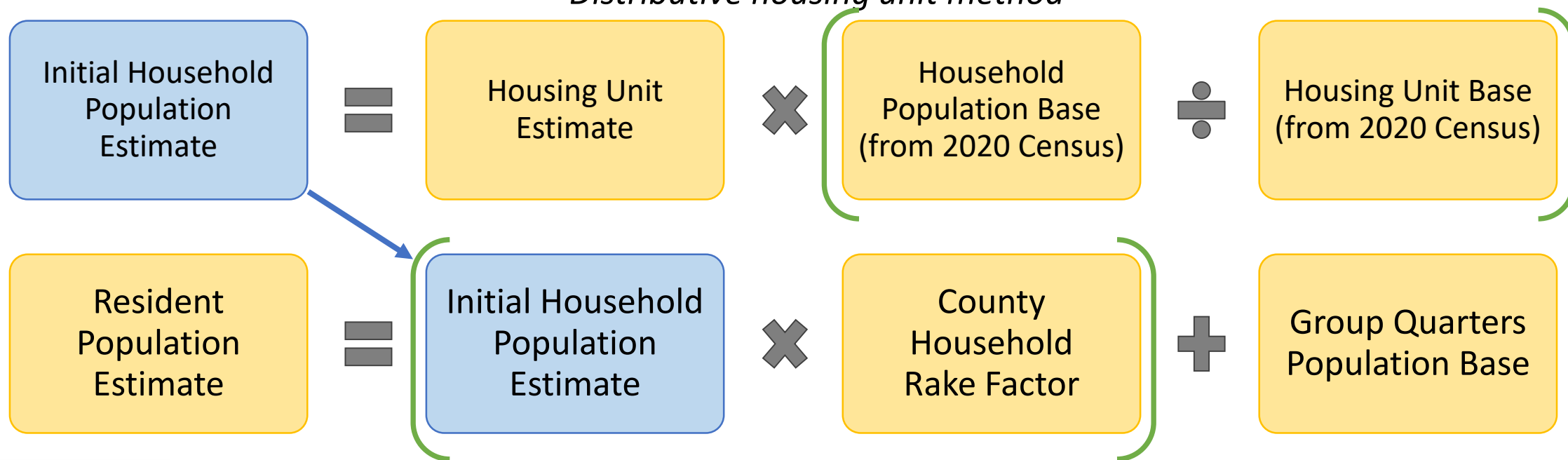


- Components of change method measures changes to the housing stock since the last census using a variety of survey and administrative data
- Housing unit base is created from invariant 2020 Census housing unit counts

Estimates Methodology (cont.)

Subcounty population (cities and towns)

Distributive housing unit method



Annual Updates to the Estimates

- Base population updates: Legal boundary changes and other geographic updates, outcomes from official census programs (e.g. Count Question Resolution), changes to the methods of estimating the base
- Revisions to the components of change: Incorporation of more recent and/or complete data, changes to the methods of estimating the components of population change and special population stock estimates used in the estimates process
- Changes to the method of estimating population: Revisions to the method of estimating population using the components of change and special population stock estimates

Availability of Vintage 2023 Population and Housing Unit Data Products

census.gov/programs-surveys/popest/about/schedule.html

Release Date*	Product	Geography
December 2023	Population totals, components of change, and voting-age population	Nation, states, and Puerto Rico Commonwealth
March 2024	Population totals and components of change	Metropolitan and micropolitan statistical areas, counties, and Puerto Rico municipios
April 2024	Population by age and sex	Nation
May 2024	Population totals--	Cities and towns (incorporated places, minor civil divisions)
	Housing unit totals--	Nation, states, and counties
June 2024	Population by age, sex, race, and Hispanic origin--	Nation, states, and counties
	Population by age and sex--	Metropolitan and micropolitan statistical areas, Puerto Rico Commonwealth and municipios

*Dates subject to change.

Ways to Access Estimates

- PEP Webpage:
census.gov/programs-surveys/popest.html
- data.census.gov
- QuickFacts
- Application Programming Interface (API)

The screenshot shows the top navigation bar of the United States Census Bureau website. The main heading is 'Population and Housing Unit Estimates'. Below the heading, there is a 'Population Clock' showing 'USA Population 333,170,192' and 'World Population 7,924,806,955'. There are also sections for 'Featured', 'Demographic Analysis', and 'Schedule'. The left sidebar contains links for 'Within Our Surveys & Programs', 'About', 'Data', 'Geographies', 'Guidance for Data Users', 'Guidance for Geographies Users', 'Library', 'News', 'Technical Documentation', and 'Resource Library'.

The screenshot shows the 'Explore Census Data' page on data.census.gov. It features a search bar with the text 'Find Tables, Maps, and more ...' and a search icon. Below the search bar, there is a prompt: 'Try searching for [commute](#) in [all counties in D](#)'. The page also includes links for 'Help', 'Feedback', and 'Advanced Search'.

The screenshot shows the 'QUICKFACTS UNITED STATES' page. It features a search bar with the text 'SEARCH BY STATE, COUNTY, CITY, TOWN, OR ZIP CODE' and a 'SELECT A FACT' dropdown menu. Below the search bar, there is a table of population estimates for the United States. The table has columns for 'ALL TOPICS' and 'UNITED STATES'. The table lists various population estimates, including 'Population estimates, July 1, 2017, (V2017)', 'Population estimate base, April 1, 2010, (V2017)', 'Population percent change - April 1, 2010 (intercensal base) to July 1, 2017, (V2017)', and 'Population Census, April 1, 2010'. The table also includes a section for 'Age and Sex' with rows for 'Persons under 7 years, percent' and 'Married under 65 years, percent'.

The screenshot shows the 'Population Estimates APIs' page. It features a 'Request a KEY' button. The page includes a 'DEVELOPERS' section with links for 'About this Section', 'API Forum', 'App Gallery', 'Available APIs', 'Geography', 'Guidance for Developers', 'News', and 'Terms of Service'. There is also a 'Vintage 2019' section with a list of population estimates and a 'Related Information' section with links for 'Population Estimates Categorical Variables' and 'You May Be Interested In'. The page also includes a 'MOST POPULAR 2020CENSUS.GOV' section.

Accessing Vintage 2022 Estimates

census.gov/programs-surveys/popest.html

The screenshot shows the United States Census Bureau website. The main heading is "Population and Housing Unit Estimates". The page includes a navigation menu with "Topics", "Data & Maps", "Surveys & Programs", and "Resource Library". A sidebar on the left contains links such as "About", "Data", "Geographies", "Guidance for Data Users", "Guidance for Geographies Users", "Library", "News", and "Technical Documentation". The main content area features a "Population Clock" showing "USA Population 333,170,192" and "World Population 7,924,806,955". Below this is a "Featured" section titled "Population and Housing Unit Estimates Tables" and a "Demographic Analysis" section. A "Schedule" section is partially visible at the bottom.

United States[®] Census Bureau

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Topics Data & Maps **Surveys & Programs** Resource Library

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// Census.gov / Our Surveys & Programs / Population and Housing Unit Estimates

Population and Housing Unit Estimates

The Census Bureau's Population Estimates Program (PEP) produces estimates of the population for the United States, states, metropolitan and micropolitan statistical areas, counties, cities, towns, as well as for Puerto Rico and its municipios.

[Read More](#)

Population Clock

[View Population Clock Data](#)

USA Population
333,170,192

World Population
7,924,806,955

Population estimates as of September 19, 2022

Featured

Population and Housing Unit Estimates Tables

Stats displayed in columns and rows with title, ID, notes, sources and release date. Many tables are in downloadable XLS, CSV and PDF file formats.

[➤](#)

Demographic Analysis

Demographic analysis is a technique used to develop an understanding of the age, sex, and racial composition of a population and how it has changed over time.

[➤](#)

Schedule

Accessing Vintage 2022 Estimates (cont.)

Within Data

- Data Tools
- Datasets
- Errata Notes
- Special Tabulation Program
- Tables**

Population and Housing Unit Estimates Tables

The population and housing unit estimates are released on a flow basis throughout each year. Each new series of estimates (referred to as a "vintage") is revised annually beginning with the date of the most recent decennial census to incorporate the latest administrative record data, geographic boundaries, and methodology.

The vintage year (e.g., V2022) refers to the final year of the time series. The reference date for all estimates is July 1, unless otherwise specified. Products are released for each new vintage between December and June. During these months, pages will show a combination of products from both the new vintage and the previous year's vintage. As new products are released, they supersede the older vintage products. We recommend that the most recent vintage available is used whenever possible. However, data from separate vintages should not be combined. To access past vintages of data, please see the [FTP2 site](#).

Additional estimates files for some historical vintages may also be accessed via the [Census Bureau application programming interface \(API\)](#). Current estimates are unable to be supported by the API at this time.

Information on the Population and Housing Unit Estimates [Special Tabulation Program](#).

All **2022** 2021 2020 2019 More ▾

2022

Table

County Population Totals: 2020-2022

This page features county population estimates totals and components of change for years 2020-2022.

Accessing Vintage 2022 Estimates (cont.)

Tables

Annual Estimates of the Resident Population for Counties: April 1, 2020 to July 1, 2022 (CO-EST2022-POP)

United States	Kansas	North Carolina
Alabama	Kentucky	North Dakota
Alaska	Louisiana	Ohio
Arizona	Maine	Oklahoma
Arkansas	Maryland	Oregon
California	Massachusetts	Pennsylvania
Colorado	Michigan	Rhode Island
Connecticut	Minnesota	South Carolina
Delaware	Mississippi	South Dakota
District of Columbia	Missouri	Tennessee
Florida	Montana	Texas
Georgia	Nebraska	Utah
Hawaii	Nevada	Vermont
Idaho	New Hampshire	Virginia
Illinois	New Jersey	Washington
Indiana	New Mexico	West Virginia
Iowa	New York	Wisconsin
		Wyoming

Accessing Vintage 2022 Estimates (cont.)

Annual Estimates of the Resident Population for Counties in New Mexico: April 1, 2020 to July 1, 2022				
Geographic Area	April 1, 2020 Estimates Base	Population Estimate (as of July 1)		
		2020	2021	2022
New Mexico	2,117,527	2,118,390	2,116,677	2,113,344
Bernalillo County, New Mexico	676,438	676,803	674,980	672,508
Catron County, New Mexico	3,582	3,611	3,726	3,827
Chaves County, New Mexico	65,158	65,148	64,644	63,894
Cibola County, New Mexico	27,172	27,102	27,238	26,950
Colfax County, New Mexico	12,385	12,353	12,356	12,246
Curry County, New Mexico	48,429	48,370	47,960	47,532
De Baca County, New Mexico	1,697	1,683	1,679	1,693
Doña Ana County, New Mexico	219,567	220,047	221,655	223,337
Eddy County, New Mexico	62,314	62,329	60,899	60,400
Grant County, New Mexico	28,190	28,203	27,892	27,686
Guadalupe County, New Mexico	4,451	4,440	4,432	4,310
Harding County, New Mexico	655	655	636	628
Hidalgo County, New Mexico	4,180	4,166	4,090	4,003
Lea County, New Mexico	74,455	74,635	73,103	72,452
Lincoln County, New Mexico	20,273	20,313	20,421	20,411
Los Alamos County, New Mexico	19,418	19,415	19,340	19,187
Luna County, New Mexico	25,422	25,447	25,486	25,749
McKinley County, New Mexico	72,898	72,578	71,484	69,830
Mora County, New Mexico	4,185	4,192	4,203	4,169
Otero County, New Mexico	67,843	67,873	68,538	68,823
Quay County, New Mexico	8,744	8,712	8,624	8,546
Rio Arriba County, New Mexico	40,359	40,269	40,249	40,048
Roosevelt County, New Mexico	19,197	19,157	19,017	18,934
Sandoval County, New Mexico	148,829	149,276	151,439	153,501
San Juan County, New Mexico	121,663	121,368	120,866	120,418
San Miguel County, New Mexico	27,203	27,129	27,167	26,953
Santa Fe County, New Mexico	154,823	155,041	155,404	155,664
Sierra County, New Mexico	11,574	11,563	11,498	11,436
Socorro County, New Mexico	16,602	16,558	16,303	16,115
Taos County, New Mexico	34,488	34,459	34,700	34,580

Accessing Vintage 2022 Estimates

census.gov/programs-surveys/popest.html

The screenshot shows the United States Census Bureau website. The top navigation bar includes links for Partners, Researchers, Educators, Survey Respondents, News, NAICS Codes, Jobs, About Us, Contact Us, and Help. Below this is a secondary navigation bar with Topics, Data & Maps, Surveys & Programs (highlighted), and Resource Library. A search bar is located on the right side of the navigation bar.

The main content area features a breadcrumb trail: // Census.gov / Our Surveys & Programs / Population and Housing Unit Estimates. The primary heading is "Population and Housing Unit Estimates". Below the heading is a descriptive paragraph about the Census Bureau's Population Estimates Program (PEP) and a "Read More" link.

On the left side, there is a sidebar titled "Within Our Surveys & Programs" with a list of links: About, Data (indicated by a blue arrow), Geographies, Guidance for Data Users, Guidance for Geographies Users, Library, News, Technical Documentation, and a "United States Census Bureau" logo at the bottom left.

The "Featured" section includes "Population and Housing Unit Estimates Tables" with a description and a "Read More" link, and "Demographic Analysis" with a description and a "Read More" link.

On the right side, there is a "Population Clock" section showing "USA Population 333,170,192" and "World Population 7,924,806,955" as of September 19, 2022. A vertical scrollbar is visible on the right edge of the page.

Accessing Vintage 2022 Estimates (cont.)

census.gov/programs-surveys/popest.html

The screenshot shows the United States Census Bureau website. The top navigation bar includes the logo, 'Partners', 'Researchers', 'Educators', 'Survey Respondents', 'News', 'NAICS Codes', 'Jobs', 'About Us', 'Contact Us', and 'Help'. Below this is a secondary navigation bar with 'Topics', 'Data & Maps', 'Surveys & Programs' (which is underlined), and 'Resource Library'. A search bar is located to the right of the secondary navigation. The main content area has a breadcrumb trail: '// Census.gov / Our Surveys & Programs / Population and Housing Unit Estimates / Population and Housing Unit Estimates Data'. On the left, there is a sidebar with the heading 'Within Population and Housing Unit Estimates' and links for 'Data Tools', 'Datasets', 'Errata Notes', 'Special Tabulation Program', and 'Tables'. The main content area features a large 'Data' heading, followed by a section for 'Population and Housing Unit Estimates Datasets' which includes a description and a right-pointing arrow. Below that is a section for 'Population and Housing Unit Estimates Tables' with another description and a right-pointing arrow. A blue arrow points from the 'Datasets' link in the sidebar to the 'Population and Housing Unit Estimates Datasets' section.

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// Census.gov / Our Surveys & Programs / Population and Housing Unit Estimates / Population and Housing Unit Estimates Data

Within Population and Housing Unit Estimates

Data Tools

Datasets

Errata Notes

Special Tabulation Program

Tables

Data

Population and Housing Unit Estimates Datasets

Datasets display population estimates totals and demographic characteristics. Datasets are in downloadable CSV format.

>

Population and Housing Unit Estimates Tables

Stats displayed in columns and rows with title, ID, notes, sources and release date. Many tables are in downloadable XLS, CSV and PDF file formats.

>

Accessing Vintage 2022 Estimates (cont.)

Within Data
Data Tools
Datasets
Errata Notes
Special Tabulation Program
Tables

Population and Housing Unit Estimates Datasets

The population and housing unit estimates are released on a flow basis throughout each year. Each new series of estimates (referred to as a "vintage") is revised annually beginning with the date of the most recent decennial census to incorporate the latest administrative record data, geographic boundaries, and methodology.

The vintage year (e.g., V2022) refers to the final year of the time series. The reference date for all estimates is July 1, unless otherwise specified. Products are released for each new vintage between December and June. During these months, pages will show a combination of products from both the new vintage and the previous year's vintage. As new products are released, they supersede the older vintage products. We recommend that the most recent vintage available is used whenever possible. However, data from separate vintages should not be combined. To access past vintages of data, please see the [FTP2 site](#).

Additional estimates files for some historical vintages may also be accessed via the [Census Bureau application programming interface \(API\)](#). Current estimates are unable to be supported by the API at this time.

Information on the Population and Housing Unit Estimates [Special Tabulation Program](#).

All **2022** 2021 2020 2019 [More](#) ▾

2022

Dataset

City and Town Population Totals: 2020-2022

This page features city and town population estimates totals for years 2020-2022. [➤](#)

Dataset

County Population Totals: 2020-2022

This page features county population estimates totals and components of change for years 2020-2022. [➤](#)

Accessing Vintage 2022 Estimates (cont.)

The screenshot shows the 'City and Town Population Totals: 2020-2022' page on the Census Bureau website. On the left is a navigation menu with links: Within Data, Data Tools and Apps, Datasets, Developers, Errata Notes, News, Related Sites, Software, Tables, and Visualizations. The main content area has a title 'City and Town Population Totals: 2020-2022' and social media share icons for Facebook, Twitter, and LinkedIn. Below this is a paragraph explaining the data, followed by links for 'Vintage 2022' and 'Vintage 2021'. A sub-section titled 'Vintage 2022' contains a link for 'City and Town Population', which is further divided into 'Incorporated Places and Minor Civil Divisions' and 'Methodology [[1.0 MB](#)]'. The 'Methodology' link is circled in red. To the right, a 'Related Information' section includes links for 'Glossary' and 'Population and Housing Unit Estimates Tables'. Below the 'Methodology' link is a 'Tables' section with a sub-section 'Places of 50,000 or More' containing three table entries, each with a green 'X' icon and a file size of 1.0 MB.

Within Data
Data Tools and Apps
Datasets
Developers
Errata Notes
News
Related Sites
Software
Tables
Visualizations

City and Town Population Totals: 2020-2022

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Facebook Twitter LinkedIn

This page features files containing city and town population for years 2020 to 2022. For the most recent data available, please refer to the Vintage 2022 data. If estimates featuring other demographic or geographic detail are needed and not yet available from Vintage 2022, please refer to the Vintage 2021 data for a completed, consistent set of estimates.

[Vintage 2022](#)
[Vintage 2021](#)

Vintage 2022

City and Town Population

[Incorporated Places and Minor Civil Divisions](#)
[Methodology \[\[1.0 MB\]\(#\)\]](#)

Tables

Places of 50,000 or More

- [Annual Estimates of the Resident Population for Incorporated Places of 50,000 or More, Ranked by July 1, 2022 Population: April 1, 2020 to July 1, 2022 \(SUB-IP-EST2022-ANNRKN\) \[\[1.0 MB\]\(#\)\]](#)
- [Cumulative Estimates of Resident Population Change for Incorporated Places of 50,000 or More in 2020, Ranked by Percent Change: April 1, 2020 to July 1, 2022 \(SUB-IP-EST2022-CUMCHG\) \[\[1.0 MB\]\(#\)\]](#)
- [Annual Estimates of Resident Population Change for Incorporated Places of 50,000 or More in 2020, Ranked by Percent Change: July 1, 2020 to July 1, 2022 \(SUB-IP-EST2022-ANNCHG\) \[\[1.0 MB\]\(#\)\]](#)

Related Information


[Glossary](#)
[Population and Housing Unit Estimates Tables](#)

Accessing Vintage 2022 Estimates (cont.)

Datasets

Incorporated Places and Minor Civil Divisions Datasets:
Subcounty Resident Population Estimates: April 1, 2020 to
July 1, 2022 (SUB-EST2022)



 [File Layout](#) [< 1.0 MB]

Annual Estimates: April 1, 2020 to July 1, 2022 (SUB-EST2022)

United States	Kansas	North Carolina
Alabama	Kentucky	North Dakota
Alaska	Louisiana	Ohio
Arizona	Maine	Oklahoma
Arkansas	Maryland	Oregon
California	Massachusetts	Pennsylvania
Colorado	Michigan	Rhode Island
Connecticut	Minnesota	South Carolina
Delaware	Mississippi	South Dakota
District of Columbia	Missouri	Tennessee
Florida	Montana	Texas
Georgia	Nebraska	Utah
Hawaii	Nevada	Vermont
Idaho	New Hampshire	Virginia
Illinois	New Jersey	Washington
Indiana	New Mexico	West Virginia
Iowa	New York	Wisconsin
		Wyoming



Accessing Vintage 2022 Estimates (cont.)

SUB-EST2022: Subcounty Resident Population Estimates: April 1, 2020 to July 1, 2022

File: 7/1/2022 Subcounty Population Estimates

Source: U.S. Census Bureau, Population Division

Release date: May 2023

Sort order of observations: STATE, COUNTY, and COUSUB

Data fields (in order of appearance):

VARIABLE	DESCRIPTION
SUMLEV	Geographic summary level
STATE	State FIPS code
COUNTY	County FIPS code
PLACE	Place FIPS code
COUSUB	Minor Civil Division FIPS code
CONCIT	Consolidated city FIPS code
PRIMGEO_FLAG	Primitive Geography Flag (1=Yes; 0=No)
FUNCSTAT	Functional Status Code
NAME	Area name
STNAME	State name
ESTIMATESBASE2020	4/1/2020 resident population estimates base
POPESTIMATE2020	7/1/2020 resident population estimate
POPESTIMATE2021	7/1/2021 resident population estimate
POPESTIMATE2022	7/1/2022 resident population estimate

The key for SUMLEV is as follows:

- 040 = State
- 050 = County
- 061 = Minor Civil Division
- 071 = Minor Civil Division place part
- 157 = County place part
- 162 = Incorporated place
- 170 = Consolidated city
- 172 = Consolidated city -- place within consolidated city

Accessing Vintage 2022 Estimates (cont.)

SUMLEV	STATE	COUNTY	PLACE	COUSUB	CONCIT	PRIMGEO	FUNCSTAT	NAME	STNAME	ESTIMATESBASE2020	POESTIMATE2020	POESTIMATE2021	POESTIMATE2022
40	35	0	0	0	0	0	A	New Mexico	New Mexico	2117527	2118390	2116677	2113344
162	35	0	1780	0	0	0	A	Alamogordo city	New Mexico	30930	30938	31211	31309
162	35	0	2000	0	0	0	A	Albuquerque city	New Mexico	564581	564855	563108	561008
162	35	0	3400	0	0	0	A	Angel Fire village	New Mexico	1198	1195	1193	1180
162	35	0	3820	0	0	0	A	Anthony city	New Mexico	8690	8693	8661	8633
162	35	0	5220	0	0	0	A	Artesia city	New Mexico	12869	12868	12465	12381
162	35	0	5780	0	0	0	A	Aztec city	New Mexico	6210	6193	6158	6126
162	35	0	6270	0	0	0	A	Bayard city	New Mexico	2116	2117	2091	2073
162	35	0	6480	0	0	0	A	Belen city	New Mexico	7362	7372	7411	7414
162	35	0	6970	0	0	0	A	Bernalillo town	New Mexico	9004	9106	9540	9898
162	35	0	7880	0	0	0	A	Bloomfield city	New Mexico	7422	7402	7362	7335
162	35	0	8580	0	0	0	A	Bosque Farms village	New Mexico	4017	4023	4043	4043
162	35	0	11800	0	0	0	A	Capitan village	New Mexico	1399	1402	1411	1412
162	35	0	12150	0	0	0	A	Carlsbad city	New Mexico	32229	32273	31867	31612
162	35	0	12500	0	0	0	A	Carrizozo town	New Mexico	974	976	977	973
162	35	0	12850	0	0	0	A	Causey village	New Mexico	69	69	68	69
162	35	0	13970	0	0	0	A	Chama village	New Mexico	921	920	919	915
162	35	0	15440	0	0	0	A	Cimarron village	New Mexico	791	790	792	786
162	35	0	15720	0	0	0	A	Clayton town	New Mexico	2657	2651	2665	2593
162	35	0	16280	0	0	0	A	Cloudcroft village	New Mexico	754	754	762	764
162	35	0	16420	0	0	0	A	Clovis city	New Mexico	38552	38511	38204	37902
162	35	0	17050	0	0	0	A	Columbus village	New Mexico	1436	1439	1446	1466
162	35	0	17680	0	0	0	A	Corona village	New Mexico	130	130	131	130
162	35	0	17960	0	0	0	A	Corrales village	New Mexico	8487	8500	8568	8497
162	35	0	19150	0	0	0	A	Cuba village	New Mexico	629	629	631	625
162	35	0	20270	0	0	0	A	Deming city	New Mexico	14766	14780	14791	14930
162	35	0	20480	0	0	0	A	Des Moines village	New Mexico	115	114	115	113
162	35	0	20620	0	0	0	A	Dexter town	New Mexico	1076	1078	1071	1061

Accessing Intercensal Estimates

WITHIN DATA

Data Tools

Datasets

Errata Notes

Special Tabulation Program

Tables

Population and Housing Unit Estimates Tables

The population and housing unit estimates are released on a flow basis throughout each year. Each new series of data (called vintages) incorporates the latest administrative record data, geographic boundaries, and methodology. Therefore, the entire time series of estimates beginning with the date of the most recent decennial census is revised annually, and estimates from different vintages of data may not be consistent across geography and characteristics detail. When multiple vintages of data are available, the most recent vintage is the preferred data.

The vintage year (e.g., V2021) refers to the final year of the time series. The reference date for all estimates is July 1, unless otherwise specified.

Additional estimates files may also be accessed via the [Census Bureau application programming interface \(API\)](#).

Information on the Population and Housing Unit Estimates Special Tabulation Program is available [here](#).

All **2021** 2020 2019 2018 2017 2016 2015

MORE ▾

2021

2020

2009

2008

2007

Table

City and Town Population Totals: 2020-2021

This page features Vintage 2021 population estimates totals.

Accessing Intercensal Estimates (cont.)

Technical
Documentation

2008

TABLE

County Intercensal Tables: 2000-2010

These tables feature 2000-2010 intercensal estimates of population.

TABLE

Housing Units Intercensal Tables: 2000-2010

These tables feature 2000-2010 intercensal estimates of housing units.

TABLE

National Intercensal Tables: 2000-2010

These tables feature 2000-2010 intercensal estimates of population by age, sex, race, and Hispanic origin.

TABLE

Puerto Rico Intercensal Tables: 2000-2010

These tables feature 2000-2010 intercensal estimates of population by age and sex.

TABLE

State Intercensal Tables: 2000-2010

These tables feature 2000-2010 intercensal estimates of population by age, sex, race, and Hispanic origin.

Accessing Intercensal Estimates (cont.)

Census.gov / State Intercensal Tables: 2000-2010

State Intercensal Tables: 2000-2010

2000-2010 Intercensal Estimates

Methodology [-1.0 MB]

Annual Population Estimates

Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010 [-1.0 MB]

Additional file formats are available on the FTP archive

Related Information

DATASET
State Intercensal Datasets: 2000-2010
Population and Housing Unit Estimates Tables

Sex and Age

Intercensal Estimates of the Resident Population by Sex and Age for States: April 1, 2000 to July 1, 2010

Alabama	Kentucky	North Dakota
Alaska	Louisiana	Ohio
Arizona	Maine	Oklahoma
Arkansas	Maryland	Oregon
California	Massachusetts	Pennsylvania
Colorado	Michigan	Rhode Island
Connecticut	Minnesota	South Carolina
Delaware	Mississippi	South Dakota
District of Columbia	Missouri	Tennessee
Florida	Montana	Texas
Georgia	Nebraska	Utah
Hawaii	Nevada	Vermont
Idaho	New Hampshire	Virginia
Illinois	New Jersey	Washington
Indiana	New Mexico	West Virginia
Iowa	New York	Wisconsin
Kansas	North Carolina	Wyoming

Additional file formats are available on the FTP archive

Accessing Intercensal Estimates (cont.)

Table 2. Intercensal Estimates of the Resident Population by Sex and Age for New Mexico: April 1, 2000 to July 1, 2010

Sex and Age	April 1, 2000 ¹	Intercensal Estimates (as of July 1)										April 1, 2010 ²	July 1, 2010 ³
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
BOTH SEXES	1,819,017	1,821,204	1,831,690	1,855,309	1,877,574	1,903,808	1,932,274	1,962,137	1,990,070	2,010,662	2,036,802	2,059,179	2,065,932
Under 5 years	130,623	130,452	130,070	131,960	133,694	135,585	137,770	139,625	142,494	144,238	145,824	144,981	145,049
5 to 9 years	141,160	140,258	135,987	132,909	129,822	129,024	129,432	130,787	133,352	136,296	139,965	143,308	143,881
10 to 14 years	147,304	147,881	147,770	147,664	147,369	146,363	144,457	142,775	141,142	139,938	140,310	141,691	142,095
15 to 19 years	145,746	145,935	146,931	148,291	149,018	149,741	150,703	151,293	151,177	151,343	150,733	149,861	149,560
20 to 24 years	121,295	121,615	127,139	133,071	138,117	142,365	143,178	142,672	142,475	141,128	141,048	142,370	143,013
25 to 29 years	115,390	114,557	112,250	113,618	116,611	120,629	126,048	130,857	134,930	136,330	139,109	139,678	139,913
30 to 34 years	118,718	118,449	117,051	117,703	117,589	117,410	116,328	116,588	117,810	120,107	122,951	127,567	128,250
35 to 39 years	140,385	139,909	134,011	129,231	124,318	121,945	121,570	122,313	123,823	123,684	123,792	123,303	123,067
40 to 44 years	141,633	141,996	142,839	143,128	143,314	142,883	141,131	137,620	133,261	128,457	125,765	125,220	125,460
45 to 49 years	131,000	131,568	133,427	136,696	138,980	140,944	143,442	146,405	146,768	147,252	146,234	144,839	144,817
50 to 54 years	114,808	115,809	122,342	124,019	127,353	130,540	133,750	137,282	141,154	143,585	145,585	147,170	147,976
55 to 59 years	87,136	87,579	90,433	98,798	104,315	111,190	118,741	126,591	129,100	132,123	134,673	136,799	137,771
60 to 64 years	71,605	71,873	74,041	76,918	81,150	84,793	88,705	92,997	101,811	107,807	114,596	120,137	121,508
65 to 69 years	63,215	63,384	64,107	65,072	66,801	69,037	71,522	74,570	77,420	81,451	85,190	87,890	88,528
70 to 74 years	54,518	54,735	55,517	56,467	56,995	57,558	58,729	60,178	61,142	62,684	64,604	65,904	66,216
75 to 79 years	43,728	43,994	44,437	44,763	45,522	45,563	46,687	47,788	48,733	49,102	49,767	50,230	50,204
80 to 84 years	27,444	27,764	29,114	30,514	31,569	32,826	33,644	34,239	34,569	35,220	35,516	36,238	36,302
85 years and over	23,309	23,446	24,224	24,487	25,037	25,412	26,437	27,557	28,909	29,917	31,140	31,993	32,322
Under 18 years	508,548	508,132	503,404	502,779	500,777	501,184	502,612	505,125	508,725	511,214	515,470	518,672	519,574
Under 5 years	130,623	130,452	130,070	131,960	133,694	135,585	137,770	139,625	142,494	144,238	145,824	144,981	145,049
5 to 13 years	258,815	258,541	254,095	251,321	247,730	245,170	244,027	244,322	245,451	247,865	252,071	256,968	258,030
14 to 17 years	119,110	119,139	119,239	119,498	119,353	120,429	120,815	121,178	120,780	119,111	117,575	116,723	116,495
18 to 64 years	1,098,255	1,099,749	1,110,887	1,131,227	1,150,873	1,172,228	1,192,643	1,212,680	1,230,572	1,241,074	1,255,115	1,268,252	1,272,786
18 to 24 years	177,580	178,009	184,493	191,116	197,243	201,894	202,928	202,027	201,915	201,729	202,410	203,539	204,024
25 to 44 years	516,126	514,911	506,151	503,680	501,832	502,867	505,077	507,378	509,824	508,578	511,617	515,768	516,690
45 to 64 years	404,549	406,829	420,243	436,431	451,798	467,467	484,638	503,275	518,833	530,767	541,088	548,945	552,072
65 years and over	212,214	213,323	217,399	221,303	225,924	230,396	237,019	244,332	250,773	258,374	266,217	272,255	273,572
16 years and over	1,370,125	1,372,573	1,388,305	1,412,839	1,437,264	1,463,006	1,489,999	1,518,541	1,543,267	1,560,475	1,581,708	1,600,398	1,606,048
18 years and over	1,310,469	1,313,072	1,328,286	1,352,530	1,376,797	1,402,624	1,429,662	1,457,012	1,481,345	1,499,448	1,521,332	1,540,507	1,546,358
15 to 44 years	783,167	782,461	780,221	785,042	788,967	794,973	798,958	801,343	803,476	801,049	803,398	807,999	809,263
Median age (years)	34.6	34.6	34.9	35.1	35.3	35.5	35.7	36.1	36.3	36.5	36.6	36.7	36.7

Accuracy of the Estimates

Average Absolute Percent Differences between Resident Population Estimates and Census Counts: April 1, 2010 and 2020				
2010	Nation 0.1%	States 1.0%	Counties 3.1%	Cities and Towns 11.0%
2020	Nation 0.6%	States 1.2%	Counties 2.9%	Cities and Towns TBD

Population Estimates Challenge Program

- Provides the opportunity for general-purpose governmental units to challenge their official estimates by submitting additional data to the Census Bureau for evaluation
- This program was suspended in January 2020 to accommodate Decennial Census activities
- As of November 22, 2022, the program has been resumed

Challenge Program Guidelines

- Challenge requests must be received within 90 days after the public release of the estimate. The Vintage 2022 challenge periods are:
 - March 31 to June 28, 2023 for county-level governments [now closed]
 - May 19 to August 16, 2023 for local subcounty-level governments (cities, towns, townships, etc.)
- A formal challenge must include a letter from the Chief Executive Officer or Highest Elected Official indicating the intent to challenge and featuring supporting evidence
- Data submitted in support of a challenge must be consistent with the criteria, standards, regular processes, and methodology PEP employs to generate the population estimate

Scope of the Challenge Program

- Out of scope: the estimates base, geographic boundary changes
- In scope: July 1 estimates where it is suspected there has been a technical error in processing input data or producing the estimates; or incorrect input data used in the process of generating the estimates
 - Challenges may be issued for any of the July 1 estimates in the time series following the decennial year
 - In Vintage 2022, challengeable estimates are July 1, 2021 and July 1, 2022
- Data may be submitted on one or more of the following:

County

- Births
- Deaths
- Facility-level group quarters population
- Domestic migration
- Net international migration

Subcounty:

- Residential building permits and non-permitted new construction
- Certificates of occupancy
- Housing conversions
- Demolitions and non-permitted housing loss
- Mobile home placements
- Facility-level group quarters population data

Challenge Data Review Process

- Considerations:
 - Are the submitted data different from those used to generate the estimates?
 - Is documentation complete?
 - Are calculations correct?
 - Are time periods referenced aligned with PEP's time periods?

Incorporating Accepted Challenges

- PEP staff incorporate the accepted challenge data into the estimates through the components of change to revise the challenged estimates
- Accepted challenge data are implemented into the next vintage of population estimates
- A challenge may be later superseded/replaced by another challenge or special census, or invalidated due to large base/boundary changes to maintain quality of the estimates

Projections

What We Mean by Population “Projections”

- Population for future dates
- Based on assumptions about future demographic trends
- Use population estimates as a base
- Are made at the national level

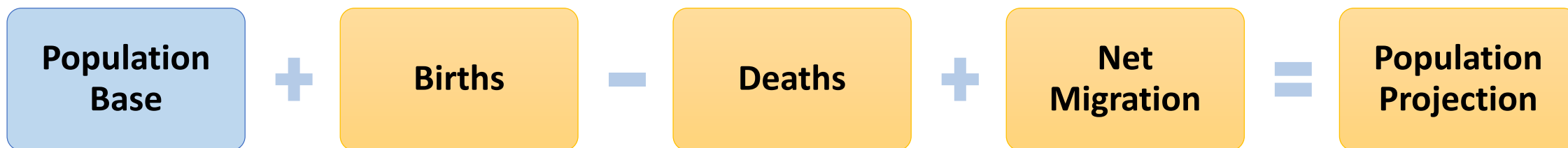
Why We Disseminate Projections

**Program planning for
public and private services**

**Academic and business
research**

Population Projections Methodology

Cohort-component method



Accuracy of the Projections

The accuracy of projections is affected primarily by two things:

- The accuracy of the base population (recent estimates)
- The assumptions we make about future fertility, mortality, and international migration

Availability of Population Projections

- In recent times, only national-level projections
- Annual data based on the most recent estimates and extending several decades
- Content includes:
 - Total Population
 - Components (Births, Deaths, and Net International Migration)
 - Characteristics by
 - Single-year-of-age
 - Sex
 - Race
 - Hispanic Origin
 - Nativity

Availability of Population Projections (continued)

- Released on an irregular basis
- Release – November 9, 2023
 - “Main Series” from 2023 to 2100
 - Based on middle-range assumptions about fertility, mortality and international migration
 - Three alternative national projections scenarios to 2100
 - The same assumptions about fertility and mortality
 - Different assumptions about foreign-born immigration

How to Access Projections

census.gov/programs-surveys/popproj.html

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Population Projections

Population projections are estimates of the population for future dates. They are typically based on an estimated population consistent with the most recent decennial census and are produced using the cohort-component method.

[Read More](#)



Featured

Table

2023 National Population Projections Tables: Main Series

These tables feature 2023 National Population Projections by age, sex, race, Hispanic origin, and nativity.

[>](#)

Table

2023 National Population Projections Tables: Alternative Scenarios

These tables feature 2023 National Population Projections by age, sex, race, and Hispanic origin for four migration scenarios.

[>](#)

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Where to Learn More About Estimates and Projections

- **Coordination, Dissemination, & Outreach Branch (301-763-2110/pop.cdob@census.gov)**
 - Catalogue of estimates and projections products
 - Product release schedule
 - Special tabulations
 - Website questions
- **Population Estimates Branch**
 - Estimates of total population and components of change
 - Estimates of population by age, sex, race, and Hispanic origin
 - Estimates of military and group quarters populations
- **International Migration Branch**
 - Estimates of international migration
 - Puerto Rico estimates

Where to Learn More About Estimates and Projections (cont.)

- **Local Government Estimates & Migration Processing Branch**
 - Estimates of population for subcounty places (cities and towns)
 - Estimates of housing units
 - Estimates of domestic migration
 - The Population Estimates Challenge Program (pop.challenge@census.gov)
 - Special Census information
- **Population Evaluation, Analysis, & Projections Branch**
 - Projections of population and components of change for the U.S.
 - Demographic Analysis
 - Evaluation Estimates and Modified Race research
- **Base Evaluation and Research Team (pop.bert@census.gov)**
 - Changes/improvements to the estimates base
 - Feasibility of taking coverage measures from the 2020 Demographic Analysis, 2020 Post-Enumeration Survey, and other administrative records into account in the development of the official population estimates

For More Information Contact

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Coordination, Dissemination, and Outreach Branch

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Questions



**Thank
You!**