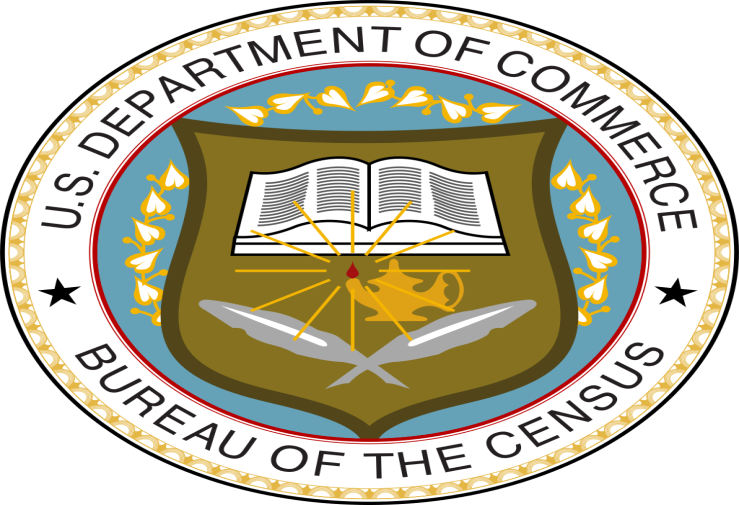
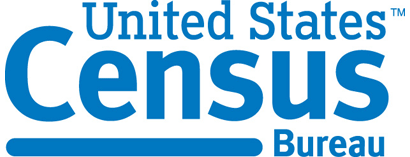


2020 Census enterprise architecutre and infrastructure transition plan

Count everyone once in the right place



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INFS 774: Enterprise Architecture  
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# Census Bureau Mission

The Census Bureau's mission is to serve as the leading source of quality data about the nation's people and economy. We honor privacy, protect confidentiality, share our expertise globally, and conduct our work openly.

We are guided on this mission by scientific objectivity, our strong and capable workforce, our devotion to research-based innovation, and our abiding commitment to our customers.

**Our Authority**

The Census Bureau operates under Title 13 and Title 26 of the U.S. Code.

**Our Goal**

Our goalis to provide the best mix of timeliness, relevancy, quality and cost for the data we collect and services we provide.

**What Data We Collect & When**

**Decennial Census of Population and Housing**

The U.S. census counts every resident in the United States. It is mandated by Article I, Section 2 of the Constitution and takes place every 10 years.

**Economic Census**

The Economic Census is the U.S. government's official five-year measure of American business and the economy.

**Census of Governments**

Identifies the scope and nature of the nation's state and local government sector including public finance and public employment and classifications.

**American Community Survey (ACS)**

The American Community Survey is the premier source for information about America's changing population, housing and workforce.

**Our Surveys & Programs**

Our surveys provide periodic and comprehensive statistics about the nation. This data is critical for government programs, policies, and decision-making.

**Economic Indicators**

The Census Bureau releases fourteen different reports on key economic indicators.

**How Our Data Are Used**

**To determine the distribution of Congressional seats to states.**

* Mandated by the U.S. Constitution
* Used to apportion seats in the U.S. House of Representatives
* Used to define legislature districts, school district assignment areas and other important functional areas

Find out about the 2020 Census Redistricting Data Program

**To make planning decisions about community services, such as where to:**

* Provide services for the elderly
* Build new roads and schools
* Locate job training centers

**To distribute more than $400 billion in federal funds to local, state and tribal governments each year.**

Census data informs how states and communities allocate funding for:

* Neighborhood improvements
* Public health
* Education
* Transportation
* Much more

**To provide Age Search information for:**

* Qualifying for Social Security and other retirement benefits
* Passport applications
* Proving relationship in settling estates
* Researching family history or a historical topic

# The Summary of 2020 Census Enterprise Architecture and Infrastructure Transition Plan(CEAITP)

**Business goals**

The (CEAITP) focuses on multi-year transition from 2015 solution architecture to the 2020 target architecture . The business goals of (CEAITP) are:

* Reengineering Address Canvassing;
* Optimizing Self-Response;
* Utilizing Administrative Records and Third-Party Data; and
* Reengineering Field Operations.

**Purposes and strategy**

The purpose of the 2020 CEAITP is to communicate and inform the transition phases to the stakeholders, to support the 2020 Operational Plan, to guarantee the safety of 2020 Census Program and to meet system requirement for scalability, reliability, and availability.

The 2020 CEAITP is incremental by nature, has detailed timelines for various architecture domains from current architecture to the target architecture and aims to maximize the utility of Enterprise standards, pattern and Programs.

# The technical view

**Scalability**

**Availability**

**Reliability**

**Resilience**

**Security**

# Team member responsibilities

|  |  |
| --- | --- |
| Team Member | Assignment(s) |
| Linus Freeman | EA Framework Selection and Customization  Enterprise Architecture Business View |
| Nicholas Vilailack | Enterprise Architecture System View Project Report Overview |
| Junxiang Wang | Enterprise Architecture Technical View  EA Framework Overview |

Appendices

Bureau, US Census. "What We Do." What We Do. N.p., 30 Jan. 2017. Web. 06 Apr. 2017.