

Database Overview



Census Data

AGS maintains both current and historical census data going back to the 1970 census, adjusted to the latest census boundaries.

Estimates and Projections

The estimates and projections database includes a wide range of core demographic variables for the current year and 5- year projections, covering five broad topic areas: population, households, income, labor force, and dwellings. With a foundation of the 2010 Census, the American Community Survey, extensive delivery count data and over twenty years of experience in demographic forecasting, AGS offers the highest quality demographic estimates in the marketplace today.

We fully incorporate the Census Bureau's American Community Survey (ACS) results. The ACS is a continuous survey which results in a national rolling estimates database to replace the decennial SF3 sample database. The ACS data from the nationwide level down to block groups are an excellent means of tracking demographic attributes over the course of the decade. The Census 2010 and ACS data, combined with a multitude of other Census Bureau offerings, are supplemented with the delivery counts in order to provide accurate block group estimates over time.

Expanded Estimates and Projections!

Using the American Community Survey's (ACS) most recent 1-year and 5-year databases as input, AGS has updated many of the ACS derived tables from 2010 to the current year, primarily by balancing the most recently available 5-year ACS numbers to current block group estimates, using the 1-year ACS and higher order geography as controls. This provides updates to a wide range of important demographic tables, including –

- School enrollment (private and public, by sex, by grade level)
- Veteran status (by period of service and by age/sex)
- Language spoken at home and linguistic isolation (the inability of household members to converse in English)
- Employment by Occupation (by sex)
- Employment by Industry (by sex)
- Class of Worker (private, public, etc.)
- Time leaving for work
- Travel time to work
- Means of transportation to work
- Income by type of income (wage, social security, etc.)
- Value of Owner Occupied Housing
- Cash Rent

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- Units in Structure
- Year structure built
- Expanded race by origin details (e.g. Native Hawaiian, Samoan, Guamanian, Other Pacific Islanders)
- Hispanic/Latino Origin by Nationality (e.g. Costa Rican)
- Detailed Ancestry (e.g. Albanian, Welsh)

These variables are essentially for 2017, with minor updates to 2019. With many variables, such as housing values, the actual data is quite volatile and it must be understood that these are not current estimates as much as actual 2017 balanced to 2019 using simple methods. That said, these tables provide a valuable addition to our current estimates dataset. They are not projected to 2024.

BusinessCounts

BusinessCounts is a geographic summary database of business establishments, employment, occupation and retail sales. The core BusinessCounts data, which now utilizes the industry standard Infogroup (formerly known as InfoUSA) database as its primary source data, includes data to the major SIC group with detailed establishment types as well as NAICS data.

Consumer Expenditures

AGS provides current year and 5- year projected expenditures for over 390 individual categories that collectively cover almost 95% of household spending. Based on extensive modeling of the BLS Consumer Expenditure Survey, CEX provides reliable estimates of market demand and average household expenditures.

Retail Potential

This tabulation utilizes the Census of Retail Trade tables which cross-tabulate store type by merchandise line. The Consumer Expenditure data was aggregated to the merchandise line classification and then distributed to each of the major store types.

Retail Gap

This new database measures the difference between consumer expenditures on retail (Retail Potential) and brick and mortar Retail Sales. A positive number, or "Leakage," indicates that local consumers are spending their retail dollars out of the area where they live, and a negative number, or "Surplus," indicates that the local area is drawing in (and selling to) consumers that are not local. The retail gap data is available at five, four and three digit NAICS categories..

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WeatherRisk and QuakeRisk

Many businesses are subject to severe loss because of natural hazards. Using historical records of various weather and earthquake phenomena, these databases provide risk assessment staff with accurate and detailed indexes of relative risk for each hazard type.

Climate

The AGS climate database includes temperature, precipitation, degree-days, and air quality measures. Unlike other databases that are to a county level only, the AGS Climate database provides details to the block group level. Derived from an extensive analysis of historical climatology data, this database provides a detailed view of local climate, which is vital in merchandising analysis.

MRI Consumer Profiles

The consumer behavior database consists of over eighteen hundred individual variables from the latest Mediamark (MRI) double-base survey. Linked to block groups using Panorama, this database provides a wealth of information on the preferences and activities of the households in every block group in the country.

Panorama

A new segmentation system developed by AGS using a wide range of AGS database assets and linked to MRI.

Assets, Debts and Net Worth

This database provides an important look at the financial health of households – including information on the nature and value of both the assets and debts of households, and of the net worth of households. This database is based upon recent surveys of consumer finances undertaken by the Census Bureau, supplemented by statistical modeling in order to provide geographic estimates.

Demographic Dimensions

This innovative database consists of twenty six core “dimensions” of neighborhoods, such as “Affluence and Education” and “Government Workers” which together account for the primary differences between neighborhoods. Based on an extensive statistical analysis of over seven hundred separate demographic attributes, this database is highly useful and intended for undertaking statistical modeling, as each of the variables is essentially uncorrelated to the others. Each variable has a mean of zero and unit variance and there are no collinearity issues.

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Business Dimensions

This database was built using the BusinessCounts database, with the source data from Infogroup. The entire dataset was utilized by computing employment and establishment density, average size and percent of employment by detailed NAICS codes, and land use classification. There are twenty-eight different groups within this database. Business Dimensions is highly useful for undertaking statistical modeling, as each of the variables is essentially uncorrelated to the others.

Health Care

There are currently two separate, yet similar, database products offered. The first is based upon the primary diagnosis upon release from hospital and the second based on procedures undertaken by emergency departments. While there is much overlap in terms of disease, these measure two separate types of health care utilization.

Standard AGS Geographic Areas

BG	Block Group
CO	County
CS	County Subdivision (2018 TIGER)
SD	School Districts (including elementary, secondary, and unified districts) (2018 TIGER)
UA	Census "Urbanized Areas"
CB	County Based Metropolitan Areas (includes "Micropolitan" and Metropolitan areas) (2018 TIGER)
MA	Metropolitan Statistical Areas (the "metro" not "micro" areas) (2018 TIGER)
NC	New England City/Place Areas (2018 TIGER)
CA	Consolidated Metropolitan Areas (2018 TIGER)
PL	Place / Census Designated Place (2018 TIGER)
ST	State
TR	Census Tract
US	United States
ZI	ZIP Codes (Q1/2018 TomTom)
ZS	Scan/US ZIP Codes (Q1/2019)
DM	Designated Marketing Areas

Further Information

Contact customer service at 877-944-4AGS or email support@appliedgeographic.com.