



## Appendix A

# Appendix

**Table A.1:** Extensive list

Variable	Description
PST045214	Population, 2014 estimate
PST120214	Population, percent change - April 1, 2010 to July 1, 2014
POP010210	Population, 2010
AGE135214	Persons under 5 years, percent, 2014
AGE295214	Persons under 18 years, percent, 2014
AGE775214	Persons 65 years and over, percent, 2014
SEX255214	Female persons, percent, 2014
RHI125214	White alone, percent, 2014
RHI225214	Black or African American alone, percent, 2014
RHI325214	American Indian and Alaska Native alone, percent, 2014
RHI425214	Asian alone, percent, 2014
RHI525214	Native Hawaiian and Other Pacific Islander alone, percent, 2014
RHI625214	Two or More Races, percent, 2014
RHI725214	Hispanic or Latino, percent, 2014
RHI825214	White alone, not Hispanic or Latino, percent, 2014
POP715213	Living in same house 1 year and over percent, 2009-2013
POP645213	Foreign born persons, percent, 2009-2013
POP815213	Language other than English spoken at home, pct age 5+, 2009-2013
EDU635213	High school graduate or higher, percent of persons age 25+, 2009-2013
EDU685213	Bachelor's degree or higher, percent of persons age 25+, 2009-2013
VET605213	Veterans, 2009-2013
LFE305213	Mean travel time to work (minutes), workers age 16+, 2009-2013

**Table A.2:** Example of an table

<b>Variable</b>	<b>Description</b>
PST045214	Population, 2014 estimate
PST120214	Population, percent change - April 1, 2010 to July 1, 2014
POP010210	Population, 2010
AGE135214	Persons under 5 years, percent, 2014
AGE295214	Persons under 18 years, percent, 2014
AGE775214	Persons 65 years and over, percent, 2014
SEX255214	Female persons, percent, 2014
RHI125214	White alone, percent, 2014
RHI225214	Black or African American alone, percent, 2014
RHI325214	American Indian and Alaska Native alone, percent, 2014
RHI425214	Asian alone, percent, 2014
RHI525214	Native Hawaiian and Other Pacific Islander alone, percent, 2014
RHI625214	Two or More Races, percent, 2014
RHI725214	Hispanic or Latino, percent, 2014
RHI825214	White alone, not Hispanic or Latino, percent, 2014
POP715213	Living in same house 1 year & over percent, 2009-2013
POP645213	Foreign born persons, percent, 2009-2013
POP815213	Language other than English spoken at home, pct age 5+, 2009-2013
EDU635213	High school graduate or higher, percent of persons age 25+, 2009-2013
EDU685213	Bachelor's degree or higher, percent of persons age 25+, 2009-2013
VET605213	Veterans, 2009-2013
LFE305213	Mean travel time to work (minutes), workers age 16+, 2009-2013
HSG010214	Housing units, 2014
HSG445213	Homeownership rate, 2009-2013
HSG096213	Housing units in multi-unit structures, percent, 2009-2013
HSG495213	Median value of owner-occupied housing units, 2009-2013
HSD410213	Households, 2009-2013

**Table A.2:** Example of an table

Variable	Description
HSD310213	Persons per household, 2009-2013
INC910213	Per capita money income in past 12 months (2013 dollars), 2009-2013
INC110213	Median household income, 2009-2013
PVY020213	Persons below poverty level, percent, 2009-2013
BZA010213	Private nonfarm establishments, 2013
BZA110213	Private nonfarm employment, 2013
BZA115213	Private nonfarm employment, percent change, 2012-2013
NES010213	Nonemployer establishments, 2013
SBO001207	Total number of firms, 2007
SBO315207	Black-owned firms, percent, 2007
SBO115207	American Indian and Alaska Native-owned firms, percent, 2007
SBO215207	Asian-owned firms, percent, 2007
SBO515207	Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007
SBO415207	Hispanic-owned firms, percent, 2007
SBO015207	Women-owned firms, percent, 2007
MAN450207	Manufacturers shipments, 2007 (\$1,000)
WTN220207	Merchant wholesaler sales, 2007 (\$1,000)
RTN130207	Retail sales, 2007 (\$1,000)
RTN131207	Retail sales per capita, 2007
AFN120207	Accommodation and food services sales, 2007 (\$1,000)
BPS030214	Building permits, 2014
LND110210	Land area in square miles, 2010
POP060210	Population per square mile, 2010

**Table A.3:** Example of an table

Original Name	New Name	Formula
PST045214	population_2014	$PST045214$
PST120214	population_percent_changed	$PST120214$
POP060210	population_density_2010	$POP060210$
POP010210	population_2010	$POP010210$
POP715213	population_same_house_percent_2013	$POP715213$
POP645213	population_foreign_percent_2013	$POP645213$
POP815213	population_other_language_percent_2013	$POP815213$
AGE135214	age_under_5_percent_2014	$\frac{AGE135214 \cdot 100}{PST045214}$
AGE295214	age_under_18_percent_2014	$\frac{AGE295214 \cdot 100}{PST045214}$
AGE775214	age_over_65_percent_2014	$\frac{AGE775214 \cdot 100}{PST045214}$
SEX255214	females_percent_2014	$SEX255214$
EDU635213	education_high_school_percent_2013	$EDU635213$
EDU685213	education_bachelor_percent_2013	$EDU685213$

**Table A.3:** Example of an table

Original Name	New Name	Formula
RHI125214	race_white_percent_2014	$RHI125214$
RHI225214	race_afroamerican_percent_2014	$RHI225214$
RHI725214	race_latino_percent_2014	$RHI725214$
RHI825214	race_white_no_hispanic_percent_2014	$RHI825214$
RHI325214	race_native_percent_2014	$RHI325214$
RHI425214	race_asian_percent_2014	$RHI425214$
RHI525214	race_hawaiian_percent_2014	$RHI525214$
RHI625214	race_two_races_percent_2014	$RHI625214$
BPS030214	hbb_building_permits_rate_2014	$\frac{BPS030214}{PST045214}$
BZA010213	nonfarm_private_establishments_rate_2014	$\frac{BZA010213}{PST045214}$
BZA110213	nonfarm_private_employment_rate_2013	$\frac{BZA110213}{PST045214}$
BZA115213	nonfarm_private_employment_percent_change_2013	$BZA115213$
NES010213	nonemployer_establishments_rate_2013	$\frac{NES010213}{PST045214}$

**Table A.3:** Example of an table

Original Name	New Name	Formula
HSG010214	housing_units_rate_2014	$\frac{HSG010214}{PST045214}$
HSD310213	housing_person_per_household_2013	$HSD310213$
HSG096213	housing_units_in_multiunit_2013	$HSG096213$
HSG445213	housing_homeownership_rate_2013	$HSG445213$
HSD410213	housing_households_rate_2013	$\frac{HSD410213}{PST045214}$
HSG495213	housing_median_value_in_housing_units_2013	$HSG495213$
SBO001207	firms_rate_2007	$\frac{SBO001207}{PST045214}$
SBO115207	firms_indian_rate_2007	$\frac{SBO115207}{PST045214}$
SBO215207	firms_asian_rate_2007	$\frac{SBO215207}{PST045214}$
SBO315207	firms_afroamerican_rate_2007	$\frac{SBO315207}{PST045214}$
SBO415207	firms_hispanic_rate_2007	$\frac{SBO415207}{PST045214}$
SBO515207	firms_hawaiian_rate_2007	$\frac{SBO515207}{PST045214}$
SBO015207	firms_women_rate_2007	$\frac{SBO015207}{PST045214}$

**Table A.3:** Example of an table

Original Name	New Name	Formula
INC110213	income_median_household_income_2013	<i>INC110213</i>
INC910213	income_per_capita_income_past_12_month_2013	<i>INC910213</i>
PVY020213	income_persons_below_poverty_percent_2013	<i>PVY020213</i>
LFE305213	other_travel_mean_time_2013	<i>LFE305213</i>
LND110210	other_land_area_in_miles_2010	<i>LND110210</i>
AFN120207	other_accomodation_and_food_sales_rate_2007	$\frac{AFN120207}{PST045214}$
WTN220207	other_merchant_sales_rate_2007	$\frac{WTN220207}{PST045214}$
MAN450207	other_manufacters_shipments_sales_rate_2007	$\frac{MAN450207}{PST045214}$
RTN130207	other_retail_sales_rate_2007	$\frac{RTN130207}{PST045214}$
RTN131207	other_retail_sales_per_capita_2007	<i>RTN131207</i>
VET605213	veterans_percent_2013	$\frac{VET605213 \cdot 100}{PST045214}$



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