Variables in ca_school_testcore dataset used in Chapter 14

Variable	Description	
School Identifiers		
countyname	county name	
districtname	district name	
schoolname	school name	
countycode	county code	
districtcode	district code	
schoolcode	school code	
charternumber	charter number (code)	
Test Scores		
testscore	test score (sum of math and english/language arts, 5 th grade)	
elarts_score	english and language arts score (5 th grade)	
math_score	math score (5 th grade)	
School Variables		
str_s	student teacher(FTE) ratio (school)	
charter_s	charter school (0-1, school)	
enrollment_star_s	enrollment: STAR test takers (school)	
zipcode	zipcode of school	
freem_frac_s	free meals (fraction, school)	
frpm_frac_s	free or reduced price meals (fraction, school)	
enrollment_s	enrollment: school	
ell_frac_s	english language learners (fraction, school)	
fep_frac_s	english language proficient (fraction, school)	
edi_s	ethnic diversity index (school)	
re_aian_frac_s	ethnicity/race american indian or alaska native (fraction, school)	
re_asian_frac_s	ethnicity/race asian (fraction, school)	
re_baa_frac_s	ethnicity/race black or african american (fraction, school)	
re_fil_frac_s	ethnicity/race filipino (fraction, school)	
re_hl_frac_s	ethnicity/race hispanic or latino (fraction, school)	
re_hpi_frac_s	ethnicity/race hawaiian or pacific islander (fraction, school)	
re_tom_frac_s	ethnicity/race two or more reported (fraction, school)	
re_nr_frac_s	ethnicity/race none reported (fraction, school)	
re_wht_frac_s	ethnicity/race white (fraction, school)	
yrcal_s	Year round calendar (0-1, school)	
te_1yr_frac_s	1st year teachers (fraction, school)	
te_2yr_frac_s	2nd year teachers (fraction, school)	
te_avgyr_s	average years teaching (school)	
te_fte_s	number (fte) teachers (school)	

te tot fte rat s	Number of teachers divided by number of teacher FTE (school)	
District Variables		
unified d	District type: 1 if unified school district (0-1)	
str d	student teacher(FTE) ratio (district)	
enrollment_d	enrollment: district	
ada_enrollment_ratio_d	avg. daily attendance divided by enrollment (district)	
ell_frac_d	english language learners (fraction, district)	
fep_frac_d	english language proficient (fraction, district)	
frpm_frac_d	free or reduced price meals (fraction, district)	
edi_d	ethnic diversity index (district)	
re_aian_frac_d	ethnicity/race american indian or alaska native (fraction, district)	
re_asian_frac_d	ethnicity/race asian (fraction, district)	
re_baa_frac_d	ethnicity/race black or african american (fraction, district)	
re_fil_frac_d	ethnicity/race filipino (fraction, district)	
re_hl_frac_d	ethnicity/race hispanic or latino (fraction, district)	
re_hpi_frac_d	ethnicity/race hawaiian or pacific islander (fraction, district)	
re_tom_frac_d	ethnicity/race two or more reported (fraction, district)	
re_nr_frac_d	ethnicity/race none reported (fraction, district)	
re_wht_frac_d	ethnicity/race white (fraction, district)	
te_1yr_frac_d	1st year teachers (fraction, district)	
te_2yr_frac_d	2nd year teachers (fraction, district)	
te_fte_d	number (fte) teachers (district)	
te_tot_fte_rat_d	Number of teachers divided by number of teacher FTE (district)	
te_salary_high_d	Teacher Salary: highest salary offered (district)	
te_salary_low_d	Teacher Salary: lowest salary offered (district)	
te_salary_avg_d	Teacher Salary: average (district)	
te_days_d	Teaching days (district)	
te_serdays_d	Teaching service days (district)	
exp_total_d	Total Gen Fund Revenues Per Student (District)	
exp_1000_1999_d	Gen Fund Exp by Activity - 1000-1999 Instruction Per Student (District)	
exp_2000_2999_d	Gen Fund Exp by Activity - 2000-2999 Instruc-related Svcs Per Student (District)	
exp_3000_3999_d	Gen Fund Exp by Activity - 3000-3999 Pupil Services Per Student (District)	
exp_4000_4999_d	Gen Fund Exp by Activity - 4000-4999 Ancillary Services Per Student (District)	
exp_5000_5999_d	Gen Fund Exp by Activity - 5000-5999 Community Services Per Student (District)	
exp_6000_6999_d	Gen Fund Exp by Activity - 6000-6999 Enterprise Per Student (District)	
exp_7000_7999_d	Gen Fund Exp by Activity - 7000-7999 General Administration Per Student (Distric	
exp_8000_8999_d	Gen Fund Exp by Activity - 8000-8999 Plant Services Per Student (District)	
expoc_1000_1999_d	Gen Fund Exp by Object Code - 1000-1999 Certificated Salaries Per Student (Distr	
expoc_2000_2999_d	Gen Fund Exp by Object Code - 2000-2999 Classified Salaries Per Student (Distric	
expoc_3000_3999_d	Gen Fund Exp by Object Code - 3000-3999 Employee Benefits Per Student (District)	

expoc 5000 5999 d Gen Fund Exp by Object Code - 4000-4999 Books & Supplies Per Student (District) rev total d Gen. Fund revenue per Student: total (district) revoc 8010 8099 d Gen Fund Rev by Object Code - 810-8099 Rev Limit Sources/LCFF Per Student (District) revoc 8100 8299 d Gen Fund Rev by Object Code - 810-8299 Federal Revenue Per Student (District) revoc 8100 8299 d Gen Fund Rev by Object Code - 8300-8299 Pederal Revenue Per Student (District) revoc 800 8799 d Gen Fund Rev by Object Code - 8300-8299 Federal Revenue Per Student (District) la unified d Los Angeles Unified School District (0-1) San Diego Unified School District (0-1) San Diego Unified School District (0-1) Sape frac 1 4 z Population(1+) fraction age 1-4 years (zipcode) age frac 5 17 z Population(1+) fraction age 5-17 years (zipcode) age frac 35 44 z Population(1+) fraction age 18-24 years (zipcode) age frac 35 44 z Population(1+) fraction age 35-44 years (zipcode) age frac 35 44 z Population(1+) fraction age 35-44 years (zipcode) age frac 35 47 z Population(1+) fraction age 45-54 years (zipcode) age frac 75 older z Population(1+) fraction age 55-64 years (zipcode) age frac 75 older z Population(1+) fraction age 75 years (zipcode) sex frac female z Population(1+) fraction age 75 years (zipcode) sex frac female z Population(1+) fraction age 75 years (zipcode) sex frac female z Population(1+) fraction age 75 years and older (zipcode) ms frac now married z Population(1+) fraction female (zipcode) ms frac now married z Population(1+) fraction female (zipcode) ms frac now diovoced z ps frac female z Population(1+) fraction female (zipcode) ms frac now widowed z Population(1+) fraction female (zipcode) ms frac now widowed z Population (15+), marital status: now married, not separated (zipcode) ms frac now widowed z Population (15+), marital status: now married, not separated (zipcode) ms frac now diovoced z Population (15+), marital status: now married, not separated (zipcode) moved frac difacounty z Population (15+), housing: rental unit	1000 1000 1	
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age frac 35 44 z Population(1+) fraction age 35-44 years (zipcode) age frac 45 54 z Population(1+) fraction age 45-54 years (zipcode) age frac 55 64 z Population(1+) fraction age 55-64 years (zipcode) age frac 65 74 z Population(1+) fraction age 55-74 years (zipcode) age frac 75 older z Population(1+) fraction age 65-74 years (zipcode) age frac 75 older z Population(1+) fraction age 75 years and older (zipcode) pop 1 older z Population(1+) fraction male (zipcode) sex frac male z Population(1+) fraction male (zipcode) sex frac female z Population(1+) fraction female (zipcode) ms frac now married z Population (15+), marital status: now married (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac sc z Population (25+), education: high school (zipcode) ed frac ba z Population (25+), education: some college or AA (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) med income z Population (15+), median income (zipcode) moved frac difcounty z Population (1+), moved in last year, different state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	age_frac_18_24_z	Population(1+) fraction age 18-24 years (zipcode)
age frac 45 54 z Population(1+) fraction age 45-54 years (zipcode) age frac 55 64 z Population(1+) fraction age 55-64 years (zipcode) age frac 65 74 z Population(1+) fraction age 65-74 years (zipcode) age frac 75 older z Population(1+) fraction age 65-74 years (zipcode) age frac 75 older z Population(1+) fraction age 75 years and older (zipcode) pop 1 older z Population total: 1 year and older sex frac male z Population(1+) fraction male (zipcode) sex frac female z Population(1+) fraction female (zipcode) ms frac now married z Population (15+), marital status: nover married (zipcode) ms frac now divorced z Population (15+), marital status: nover married, not separated (zipcode) ms frac now widowed z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (25+), marital status: widowed (zipcode) ed frac 1t hs z Population (25+), education: less than high school (zipcode) ed frac hs z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac own z Population (25+), education: graduate or professional degree (zipcode) hs frac rent z Population (1+), housing: owner-occupied (zipcode) moved frac difcounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode)	age_frac_25_34_z	Population(1+) fraction age 25-34 years (zipcode)
age frac 55 64 z	age_frac_35_44_z	Population(1+) fraction age 35-44 years (zipcode)
age frac 65 74 z Population(1+) fraction age 65-74 years (zipcode) age frac 75 older z Population(1+) fraction age 75 years and older (zipcode) pop 1 older z Population total: 1 year and older sex frac male z Population(1+) fraction male (zipcode) sex frac female z Population(1+) fraction female (zipcode) ms frac never married z Population (15+), marital status: never married (zipcode) ms frac now married z Population (15+), marital status: now married, not separated (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac sc z Population (25+), education: high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difstate z Population (1+), moved in last year, different county, same state (zipcode)	age_frac_45_54_z	Population(1+) fraction age 45-54 years (zipcode)
age frac 75 older z Population(1+) fraction age 75 years and older (zipcode) pop 1 older z Population total: 1 year and older sex frac male z Population(1+) fraction male (zipcode) sex frac female z Population(1+) fraction female (zipcode) ms frac never married z Population (15+), marital status: never married (zipcode) ms frac now married z Population (15+), marital status: now married, not separated (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difstate z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	age_frac_55_64_z	Population(1+) fraction age 55-64 years (zipcode)
pop 1 older z Population total: 1 year and older sex frac male z Population(1+) fraction male (zipcode) sex frac female z Population(1+) fraction female (zipcode) ms frac never married z Population (15+), marital status: never married (zipcode) ms frac now married z Population (15+), marital status: now married, not separated (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac hs z Population (25+), education: some college or AA (zipcode) ed frac sc z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) med income z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difstate z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	age_frac_65_74_z	Population(1+) fraction age 65-74 years (zipcode)
sex_frac_male_z	age frac 75 older z	Population(1+) fraction age 75 years and older (zipcode)
sex frac female z Population(1+) fraction female (zipcode) ms frac never married z Population (15+), marital status: never married (zipcode) ms frac now married z Population (15+), marital status: now married, not separated (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ms frac now widowed z Population (25+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: some college or AA (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	pop_1_older_z	Population total: 1 year and older
ms frac never married z Population (15+), marital status: never married (zipcode) ms frac now married z Population (15+), marital status: now married, not separated (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac sc z Population (25+), education: high school (zipcode) ed frac ba z Population (25+), education: some college or AA (zipcode) ed frac grd z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	sex_frac_male_z	Population(1+) fraction male (zipcode)
ms frac now married z Population (15+), marital status: now married, not separated (zipcode) ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac hs z Population (25+), education: high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) med income z Population (15+), median income (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	sex_frac_female_z	Population(1+) fraction female (zipcode)
ms frac now divorced z Population (15+), marital status: divroced or separated (zipcode) ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac hs z Population (25+), education: high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difstate z Population (1+), moved in last year, different county, same state (zipcode)	ms_frac_never_married_z	Population (15+), marital status: never married (zipcode)
ms frac now widowed z Population (15+), marital status: widowed (zipcode) ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac hs z Population (25+), education: high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	ms_frac_now_married_z	Population (15+), marital status: now married, not separated (zipcode)
ed frac lt hs z Population (25+), education: less than high school (zipcode) ed frac hs z Population (25+), education: high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	ms_frac_now_divorced_z	Population (15+), marital status: divroced or separated (zipcode)
ed frac hs z Population (25+), education: high school (zipcode) ed frac sc z Population (25+), education: some college or AA (zipcode) ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) med income z Population (15+), median income (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	ms_frac now_widowed_z	Population (15+), marital status: widowed (zipcode)
ed_frac_sc_z	ed_frac_lt_hs_z	Population (25+), education: less than high school (zipcode)
ed frac ba z Population (25+), education: bachelors degree (zipcode) ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) med income z Population (15+), median income (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	ed_frac_hs_z	Population (25+), education: high school (zipcode)
ed frac grd z Population (25+), education: graduate or professional degree (zipcode) hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) med income z Population (15+), median income (zipcode) moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	ed_frac_sc_z	Population (25+), education: some college or AA (zipcode)
hs frac own z Population (1+), housing: owner-occupied (zipcode) hs frac rent z Population (1+), housing: rental unit (zipcode) med_income_z Population (15+), median income (zipcode) moved_frac_samecounty_z Population (1+), moved in last year, from same county (zipcode) moved_frac_difcounty_z Population (1+), moved in last year, different county, same state (zipcode) moved_frac_difstate_z Population (1+), moved in last year, different state (zipcode)	ed_frac_ba_z	Population (25+), education: bachelors degree (zipcode)
hs frac rent z Population (1+), housing: rental unit (zipcode) med_income_z Population (15+), median income (zipcode) moved_frac_samecounty_z Population (1+), moved in last year, from same county (zipcode) moved_frac_difcounty_z Population (1+), moved in last year, different county, same state (zipcode) moved_frac_difstate_z Population (1+), moved in last year, different state (zipcode)	ed_frac_grd_z	Population (25+), education: graduate or professional degree (zipcode)
med_income_z Population (15+), median income (zipcode) moved_frac_samecounty_z Population (1+), moved in last year, from same county (zipcode) moved_frac_difcounty_z Population (1+), moved in last year, different county, same state (zipcode) moved_frac_difstate_z Population (1+), moved in last year, different state (zipcode)	hs_frac_own_z	Population (1+), housing: owner-occupied (zipcode)
moved frac samecounty z Population (1+), moved in last year, from same county (zipcode) moved frac difcounty z Population (1+), moved in last year, different county, same state (zipcode) moved frac difstate z Population (1+), moved in last year, different state (zipcode)	hs_frac_rent_z	Population (1+), housing: rental unit (zipcode)
moved_frac_difcounty_z	med_income_z	Population (15+), median income (zipcode)
moved_frac_difcounty_z Population (1+), moved in last year, different county, same state (zipcode) moved_frac_difstate_z Population (1+), moved in last year, different state (zipcode)	moved_frac_samecounty z	Population (1+), moved in last year, from same county (zipcode)
moved frac difstate z Population (1+), moved in last year, different state (zipcode)		Population (1+), moved in last year, different county, same state (zipcode)
	moved_frac_abroad_z	Population (1+), moved in last year, from abroad (zipcode)

```
String Variables:
countyname
districtname
schoolname
```

0-1 Binary variables: charter_s unified_d la_unified_d sd_unified_d yrcal_s