Variables in ca\_school\_testcore dataset used in Chapter 14

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| 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, 5th grade) |
| elarts\_score | english and language arts score (5th grade) |
| math\_score | math score (5th 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\_4000\_4999\_d | Gen Fund Exp by Object Code - 4000-4999 Books & Supplies Per Student (District) |
| expoc\_5000\_5999\_d | Gen Fund Exp by Object Code - 5000-5999 Services & Other Op Exp Per Student (Dis |
| rev\_total\_d | Gen. Fund revenue per student: total (district) |
| revoc\_8010\_8099\_d | Gen Fund Rev by Object Code - 8010-8099 Rev Limit Sources/LCFF Per Student (Dist |
| revoc\_8100\_8299\_d | Gen Fund Rev by Object Code - 8100-8299 Federal Revenue Per Student (District) |
| revoc\_8300\_8599\_d | Gen Fund Rev by Object Code - 8300-8599 Other State Revenue Per Student (District) |
| revoc\_8600\_8799\_d | Gen Fund Rev by Object Code - 8600-8799 Other Local Revenue Per Student (District) |
| la\_unified\_d | Los Angeles Unified School District (0-1) |
| sd\_unified\_d | San Diego Unified School District (0-1) |
| Zipcode variables | |
| age\_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\_18\_24\_z | Population(1+) fraction age 18-24 years (zipcode) |
| age\_frac\_25\_34\_z | Population(1+) fraction age 25-34 years (zipcode) |
| 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 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\_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) |
| 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