CSAS

It is found that the below indicators have significant correlation with CSAS at a state level

Percentage of schools without library(%): 11.63424121654143,
Percentage of schools without functional maths kit(%): 8.302891236519528,
Percentage of schools without internet(%): 4.6671349248374305,
Percentage of schools with secondary SCR above 30(%): 4.414029187806627,
Percentage of schools with secondary PTR above 30(%): 7.479742909078086,
Percentage of secondary schools without science teacher(%): 6.7699412145620865,
Percentage of HPS schools without same english teacher(%): 3.1329236242253833,
Percentage of female teachers: 7.112404973881274,
Percentage of total_teacher_trained_computer: 9.482890492211572,
PTR_working_secondary: 14.862229478620037,
SSLC Result (5 years average prior to 2020-21): 22.141570741716553

Different indicators related to anaemic adolescent girls were separately analyzed for the districts Bidar,Ballari,Kalburgi,Koppal,Raichur,Vijayanagara and Yadgir. Following are the indicators that have signifiant correlation with CSAS with respect to these districts

Percentage of schools without library(%): 18.438383208917653,
Percentage of schools without functional maths kit(%): 7.01713578553121,
Percentage of schools without functinal Laptop/Notebook,tablets,desktops or PCs(%): 5.64544584506212,
Percentage of schools with secondary SCR above 30(%): 4.877352055480036,
Percentage of schools with secondary PTR above 30(%): 4.087591544621287,
Percentage of secondary schools without science teacher(%): 11.523942264822221,
Percentage of HPS schools without same maths teacher(%): 2.9586580571261725,
Percentage of HPS schools without same english teacher(%): 2.516681634115836,
NER Secondary : 5.33693269998315,
PTR_working_secondary: 12.269824306511968,
SSLC Result (5 years average prior to 2020-21): 16.641180733785973,
PUC Result (5 years average prior to 2020-21): 8.686871864042367

GER (Secondary)

It is found that the below indicators have significant correlation with GER (Secondary) at a state level

Percentage of schools without functional girls toilet(%): 17.4006098731842,
Percentage of schools without library(%): 0.9678373398314436,
Percentage of schools without functional CAL lab(%): 0.523413548739197,
Percentage of schools without internet(%): 2.531767079493413,
Percentage of schools without functinal Laptop/Notebook,tablets,desktops or PCs(%): 1.8155808905556945,
Percentage of schools with secondary PTR above 30(%): 0.4213531519435869,
Percentage of secondary schools without science teacher(%): 0.6895227593016713,
Percentage of secondary schools without social teacher(%): 0.45121496175665216,

Percentage of HPS schools without same social teacher(%): 0.25956025563032237,
Percentage of women without any education: 0.5798570931291402,
Percentage of female teachers: 0.8730270632812084,
Percentage of regular teachers: 67.49917614605508,
Percentage of total_teacher_trained_computer: 1.3812944466194266,
NER Secondary : 1.6224430943696548,
RR Secondary: 0.49420891557793073,
Literacy rate: 2.0712378786066066,
Male Literacy: 0.2395076913506614,
Female Literacy: 0.17838781057412212

Different indicators related to anaemic adolescent girls were separately analyzed for the districts Bidar,Ballari,Kalburgi,Koppal,Raichur,Vijayanagara and Yadgir. Following are the indicators that have signifiant correlation with GER (Secondary) with respect to these districts

Percentage of schools without functional girls toilet(%): 47.684508050526794,
Percentage of schools without library(%): 6.6418763347980745,
Percentage of schools without functional CAL lab(%): 6.061738023976973,
Percentage of schools without internet(%): 6.111986049217127,
Percentage of schools without functinal Laptop/Notebook,tablets,desktops or PCs(%): 5.476436984296315,
Percentage of HPS schools without same science teacher(%): 1.557893138985632,
Percentage of HPS schools without same social teacher(%): 1.552207275793118,
Percentage of female teachers: 2.8483447902194334,
NER Secondary : 13.949334325634979,
Literacy rate: 2.868311432921821,
SSLC Result (5 years average prior to 2020-21): 3.255669390967538,
Male Literacy: 1.9916942026621791

Dropout Rate (Secondary)

It is found that the below indicators have significant correlation with secondary dropout rate at a state level

Percentage of schools without functinal Laptop/Notebook,tablets,desktops or PCs(%): 0.6005919291756193,
Percentage of HPS schools without same english teacher(%): 0.41829368175498205,
Percentage of regular teachers: 79.66605463797468,
Percentage of graduate teachers: 2.2502464616584392,
Percentage of total_teacher_trained_computer: 0.8735607037156501,
RR Secondary: 0.7665824685696697,
TR Secondary: 15.424670117150937

Different indicators related to anaemic adolescent girls were separately analyzed for the districts Bidar,Ballari,Kalburgi,Koppal,Raichur,Vijayanagara and Yadgir. Following are the indicators that have signifiant correlation with dropout rate (Secondary) with respect to these districts

Percentage of schools without functional ICT lab(%): 14.79870291743935,
Percentage of regular teachers: 83.87367961305475,

Literacy rate: 0.7549748884260458,
Female Literacy: 0.5726425810798401