

New Mexico Primary Care Physician Accessibility Models Summary Statistics - 2002 Data

This table shows the resulting means, standard deviations, minimum and maximum values (physicians per 1000 population) for the eight accessibility models (ACC Methods). Each model is designated by the prefix 'Phys_' in the variable column (SAS variables cannot begin with a number). The following is a description for the unique part of the variable name of each model:

- 2SEE - Two Step Hybrid Zonal, Exponential Function
- 2SEG - Two Step Hybrid Zonal, Gaussian Function
- 2SEP - Two Step Hybrid Zonal, Std. Power Function
- 2SED - Two Step Hybrid Zonal, DGR Power Function
- 1SED - One Step Hybrid Zonal, DGR Power Function
- 1SEE - One Step Hybrid Zonal, Exponential Function
- 1SEG - One Step Hybrid Zonal, Gaussian Function
- 1SEP - One Step Hybrid Zonal, Std. Power Function

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Phys_2SEE	499	1.0100226	0.6421073	1.1316746E-6	5.4660232
Phys_2SEG	499	1.0100531	0.6455921	9.999042E-44	5.5190789
Phys_2SEP	499	1.0107230	0.6461168	0.000013859	5.5201036
Phys_2SED	499	1.0088094	0.5212246	0.0079936	2.2999559
Phys_1SED	499	0.6304288	0.3045153	0.0438949	2.7439594
Phys_1SEE	499	0.6210632	0.1981203	0.1629646	1.1073635
Phys_1SEG	499	0.5755617	0.2029165	0.0131400	1.0818842
Phys_1SEP	499	0.6328868	0.3672154	0.0170587	4.3500862

Note: There are two other mean values of import. The statewide mean is 0.622535. The regional availability method, the county-based service area (COSVAR) mean is 0.437665. The closest means to the statewide mean is derived by using either of the one-step methods.

**Examine Data for Statewide
Proc Tabulate Results**

PCSUM					Pop_2002				
Sum	N	Mean	Min	Max	Sum	N	Mean	Min	Max
1167.00	33	35.36	0.00	541.00	1874591.00	33	56805.79	785.00	579268.00

**Examine Data for COSVAR
Proc Means Results**

The MEANS Procedure

Analysis Variable : PHYS_PER_POP				
N	Mean	Std Dev	Minimum	Maximum
33	0.4376659	0.3119600	0	1.5302219