

CONCENTRATED DISADVANTAGE

2000 CENSUS DATA DEPICTED BY CENSUS BLOCKGROUP

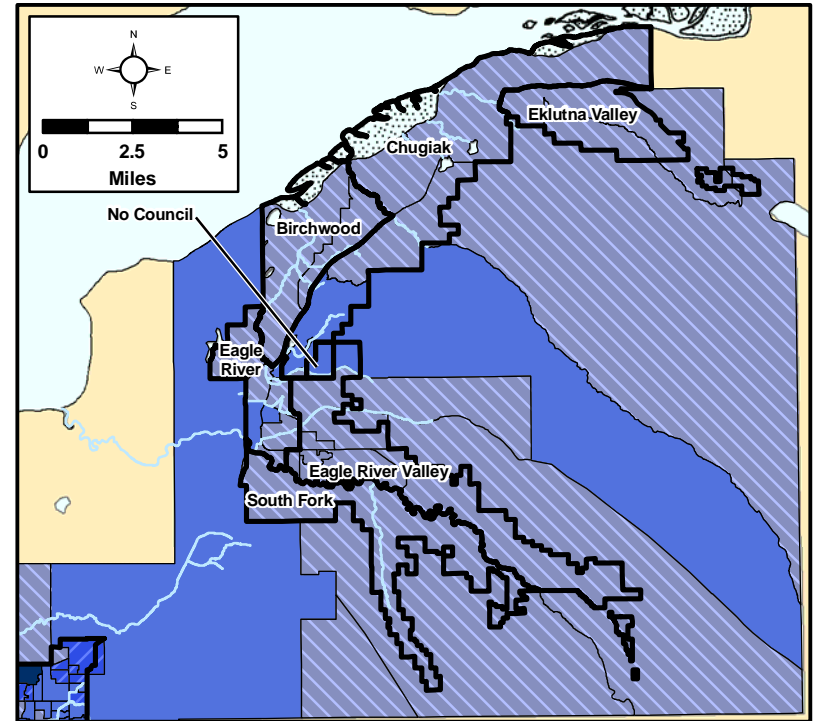
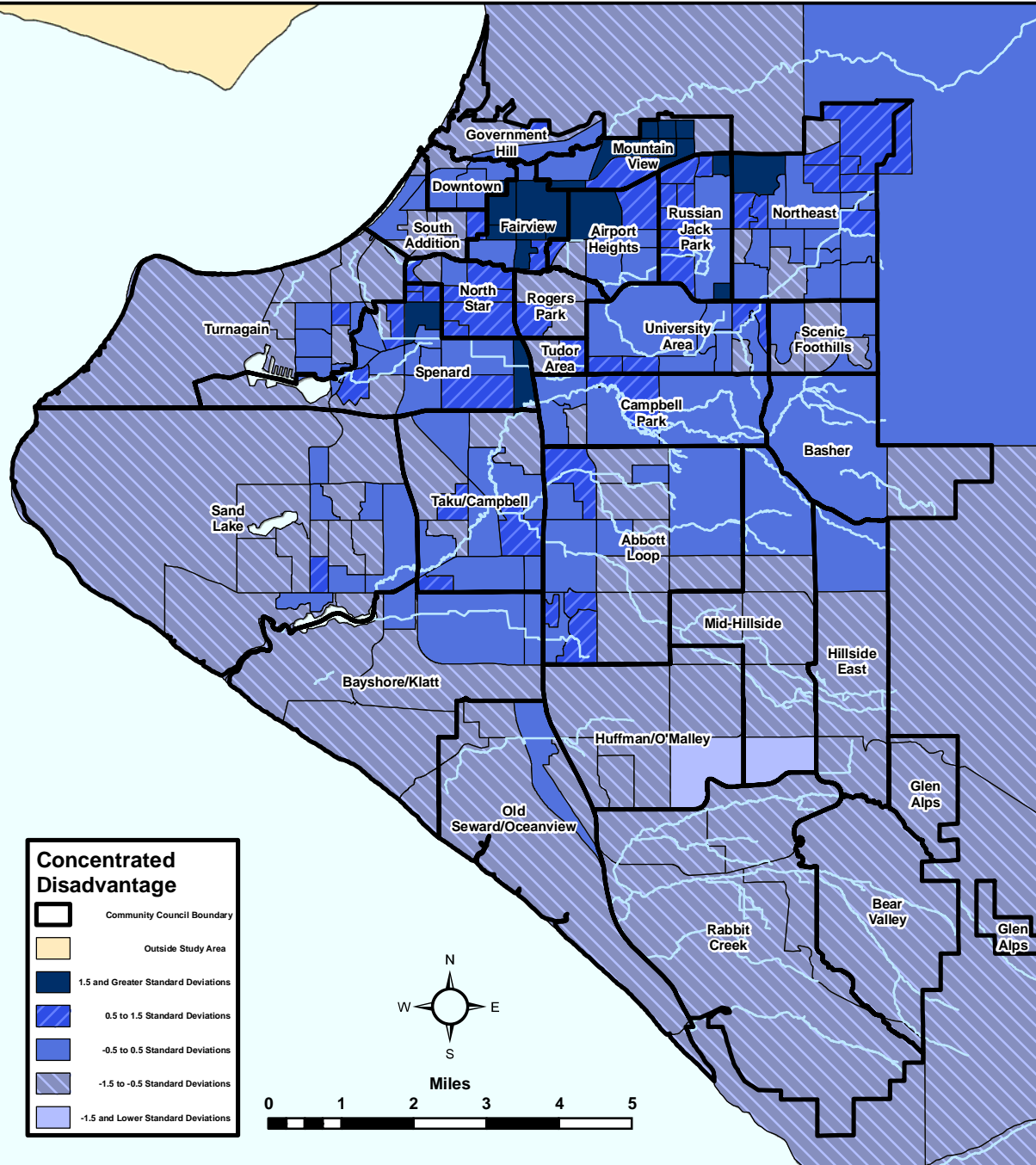
ANCHORAGE COMMUNITY INDICATORS

A PUBLICATION OF THE UAA JUSTICE CENTER

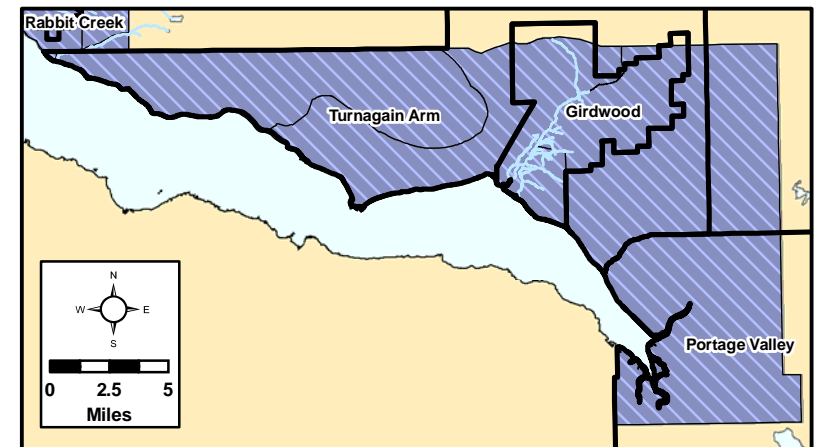


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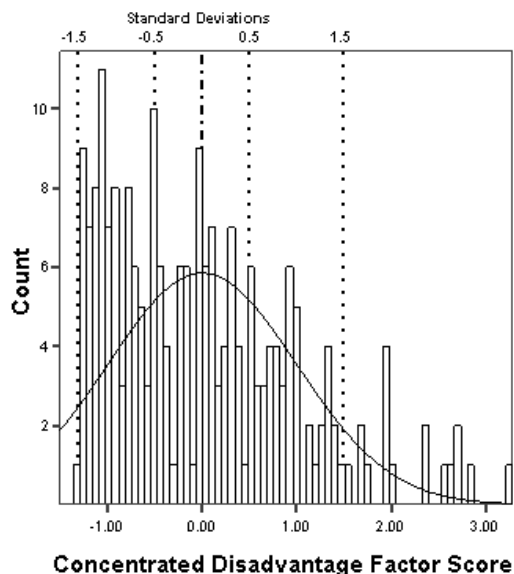
SERIES 4, NO. 2



Concentrated Disadvantage is computed as an indicator of relative neighborhood poverty. The values computed are based upon a range of data collected, including the proportion of families below the poverty line, the proportion of families receiving public assistance, the proportion of families that were female headed, the proportion of the population that was aged 16 years and older unemployed, and the proportion of the population Black or African American.



CONCENTRATED DISADVANTAGE



Concentrated Disadvantage is an indicator of the relative poverty of neighborhoods. This measure captures the kinds of compounded disadvantages that can isolate a community from resources, limit the usefulness of local network ties, and expose neighborhood residents to negative social conditions. Concentrated disadvantage has been implicated in educational outcomes (Mazawi 1999; Yun & Moreno 2006), health outcomes (Jones & Duncan 1995; Wen, Browning, & Cagney 2003; Yen & Kaplan 1999), arrest rates (Parker, Stults,

& Rice 2005), and homicide (Kubrin & Weitzer 2003; MacDonald & Gover 2005).

The block group values for concentrated disadvantage are factor scores computed from the following variables: proportion of families below the poverty line, proportion of families receiving public assistance, proportion of families female headed, proportion unemployed, and the proportion of the population African American. The higher the concentrated disadvantage score, the more impoverished the block group.

We have patterned our measure on the one outlined by Sampson, Raudenbush, and Earls (1997) that used factor scores computed from: proportion of families below the poverty line, proportion of the population 16 years and older unemployed, proportion of the population under 18 years, and the proportion of the population Black or African American. Computation of this measure in Anchorage includes all of these variables except the proportion of the population under 18 years which did not load with the other variables.

The concentrated disadvantage scores presented below are factor scores that depict relative poverty of census block groups in Anchorage in 2000. As factor scores are standardized, the mean is 0 and the standard deviation is 1.

Refer to the appendix for more information regarding this variable.

ABBOTT LOOP COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 3 | 1* | -0.004 |
| 26.01 | 1 | 0.535 |
| 26.01 | 2 | 0.381 |
| 26.01 | 3 | 0.058 |
| 26.02 | 1 | -0.539 |
| 26.02 | 2 | -0.487 |
| 26.02 | 3 | -0.753 |
| 26.03 | 1 | 0.310 |
| 26.03 | 2 | -0.699 |
| 26.03 | 3 | -0.889 |
| 28.11 | 1 | 1.314 |
| 28.11 | 2 | -0.251 |
| 28.11 | 3 | 0.655 |
| 28.11 | 4 | 0.526 |
| 28.12 | 1* | -1.150 |
| 28.12 | 2* | -1.177 |

AIRPORT HEIGHTS COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 9.01 | 1* | 1.753 |
| 9.01 | 2* | 0.994 |
| 9.02 | 3 | -0.759 |
| 16.01 | 1 | 0.079 |
| 16.01 | 2 | 0.343 |
| 16.01 | 3* | -0.451 |

* Denotes that a blockgroup crosses a Community Council boundary, and is consequently listed in multiple Council entries in this catalog.

BASHER COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 3 | 1* | -0.004 |
| 28.13 | 2* | -1.167 |

BAYSHORE-KLATT COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 27.02 | 1* | -0.897 |
| 27.02 | 4* | -1.085 |
| 27.11 | 4 | -0.937 |
| 27.12 | 1* | 0.190 |
| 27.12 | 3* | 0.084 |
| 27.12 | 4 | -1.257 |
| 27.12 | 5 | -0.392 |

BEAR VALLEY COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 28.23 | 1* | -1.053 |
| 28.23 | 2* | -0.985 |

BIRCHWOOD COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 1.02 | 1* | -0.913 |
| 1.02 | 2 | -0.869 |

CAMPBELL PARK COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 3 | 1* | -0.004 |
| 18.01 | 1 | 0.400 |
| 18.01 | 2 | -0.764 |
| 18.01 | 3 | 0.036 |
| 18.02 | 3 | 0.985 |
| 18.02 | 4 | -0.040 |

CHUGIAK COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 1.01 | 1* | -1.122 |
| 1.01 | 2* | -0.702 |
| 1.01 | 3 | -0.852 |
| 1.02 | 3 | -1.150 |
| 1.02 | 4* | 0.011 |
| 2.02 | 2* | -1.023 |

DOWNTOWN COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 6 | 1* | 0.117 |
| 10 | 2* | 2.043 |
| 11 | 1 | -0.193 |
| 11 | 2 | 0.420 |

EAGLE RIVER COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 1.02 | 1* | -0.913 |
| 1.02 | 4* | 0.011 |
| 2.01 | 1 | -0.946 |
| 2.01 | 2 | -0.157 |
| 2.02 | 1 | 0.321 |
| 2.02 | 2* | -1.023 |
| 2.02 | 3 | -1.250 |
| 2.02 | 4 | -1.028 |
| 2.03 | 5* | -1.067 |

EAGLE RIVER VALLEY COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 1.02 | 4* | 0.011 |
| 2.02 | 2* | -1.023 |
| 2.03 | 1 | -0.716 |
| 2.03 | 2* | -1.282 |
| 2.03 | 3 | -1.075 |
| 2.03 | 4 | -1.251 |
| 2.03 | 5* | -1.067 |
| 2.04 | 1* | -1.098 |

EKLUTNA VALLEY COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 1.01 | 1* | -1.122 |
| 1.01 | 2* | -0.702 |

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FAIRVIEW COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 6 | 1* | 0.117 |
| 9.01 | 1* | 1.753 |
| 9.01 | 3 | 2.672 |
| 9.02 | 1 | 2.855 |
| 9.02 | 2* | 1.172 |
| 10 | 1 | 0.233 |
| 10 | 2* | 2.043 |
| 10 | 3 | 1.949 |
| 10 | 4* | 0.649 |

GIRDWOOD COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 29 | 2* | -1.050 |
| 29 | 3 | -1.187 |
| 29 | 4* | -1.002 |

GLEN ALPS COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 28.13 | 2* | -1.167 |
| 28.23 | 1* | -1.053 |

GOVERNMENT HILL COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 5 | 1* | -0.773 |
| 5 | 2 | 0.503 |
| 6 | 1* | 0.117 |

HILLSIDE EAST COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 3 | 1* | -0.004 |
| 28.13 | 2* | -1.167 |
| 28.23 | 1* | -1.053 |

HUFFMAN-O'MALLEY COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 28.12 | 1* | -1.150 |
| 28.12 | 2* | -1.177 |
| 28.12 | 3 | -1.123 |
| 28.21 | 1 | -1.056 |
| 28.21 | 2 | -1.168 |
| 28.21 | 3 | -1.039 |
| 28.22 | 1* | -1.320 |

MID-HILLSIDE COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 3 | 1* | -0.004 |
| 28.12 | 2* | -1.177 |
| 28.13 | 1 | -1.007 |
| 28.13 | 3 | -1.138 |
| 28.22 | 1* | -1.320 |

MOUNTAIN VIEW COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 6 | 1* | -0.004 |
| 6 | 2 | -1.177 |
| 6 | 3 | -1.007 |
| 6 | 4 | -1.138 |
| 6 | 5 | -1.320 |
| 6 | 6 | -0.004 |
| 6 | 7 | -1.177 |
| 6 | 8 | -1.007 |
| 9.01 | 2* | -1.138 |

NO COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 28.23 | 1* | -1.053 |
| 1.01 | 1* | -1.122 |
| 1.01 | 2* | -0.702 |
| 1.02 | 4* | 0.011 |
| 2.02 | 2* | -1.023 |
| 2.03 | 2* | -1.282 |

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| | | |
|-------|----|--------|
| 2.04 | 1* | -1.098 |
| 2.04 | 2* | -1.243 |
| 3 | 1* | -0.004 |
| 4 | 1* | -0.687 |
| 28.13 | 2* | -1.167 |
| 28.23 | 2* | -0.985 |
| 29 | 1* | -1.107 |
| 29 | 4* | -1.002 |

NORTH STAR COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 12 | 4* | -0.926 |
| 14 | 1* | 1.329 |
| 14 | 2 | -0.518 |
| 14 | 3 | 0.166 |
| 14 | 4 | 1.358 |
| 14 | 6* | 1.240 |
| 19 | 1 | 0.959 |
| 19 | 2 | 0.747 |

NORTHEAST COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 7.01 | 1 | 1.939 |
| 7.01 | 2 | 0.049 |
| 7.01 | 3 | 0.688 |
| 7.01 | 4 | 1.439 |
| 7.02 | 1 | 0.912 |
| 7.02 | 2 | 0.761 |
| 7.02 | 3 | -0.223 |
| 7.03 | 1* | 0.817 |

| | | |
|-------|---|--------|
| 7.03 | 2 | 0.845 |
| 7.03 | 3 | 0.940 |
| 7.03 | 4 | 0.002 |
| 7.03 | 5 | 0.792 |
| 17.02 | 1 | 0.262 |
| 17.02 | 2 | -0.138 |
| 17.02 | 3 | -1.137 |
| 17.02 | 4 | -0.049 |
| 17.02 | 5 | -1.079 |
| 17.31 | 1 | 0.115 |
| 17.31 | 2 | 0.376 |
| 17.31 | 3 | -0.151 |
| 17.31 | 4 | -0.141 |
| 17.31 | 5 | -0.266 |

OLD SEWARD-OCEANVIEW COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 27.02 | 1* | -0.897 |
| 27.02 | 2 | -0.660 |
| 27.02 | 3 | 0.067 |
| 27.02 | 4* | -1.085 |
| 27.02 | 5 | -0.682 |

PORTAGE VALLEY COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 29 | 4* | -1.002 |

RABBIT CREEK COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 28.22 | 2 | -1.267 |
| 28.22 | 3 | -0.960 |
| 28.23 | 1* | -1.053 |
| 28.23 | 2* | -0.985 |

ROGERS PARK COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 15 | 1 | -1.019 |
| 15 | 2 | -1.253 |
| 15 | 5 | 0.905 |
| 16.01 | 3* | -0.451 |

RUSSIAN JACK PARK COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 8.01 | 1 | 0.933 |
| 8.01 | 2 | 0.740 |
| 8.01 | 3 | 2.739 |
| 8.01 | 4 | 0.329 |
| 8.01 | 5 | 0.835 |
| 8.01 | 6 | 1.350 |
| 8.01 | 7 | 1.412 |
| 8.02 | 1 | 1.165 |
| 8.02 | 2 | 0.923 |
| 8.02 | 3 | -0.404 |
| 8.02 | 4 | 1.482 |
| 8.02 | 5 | 2.358 |

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SAND LAKE COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 23.01 | 1* | -1.191 |
| 23.01 | 2 | -1.086 |
| 23.01 | 3 | -0.777 |
| 23.01 | 4 | -0.880 |
| 23.02 | 1 | -0.811 |
| 23.02 | 2 | 0.199 |
| 23.02 | 3 | -0.720 |
| 23.02 | 4 | 0.336 |
| 23.02 | 5 | 0.002 |
| 23.03 | 1 | -0.990 |
| 23.03 | 2 | -0.608 |
| 23.03 | 3 | -0.501 |
| 23.03 | 4 | -0.418 |
| 23.03 | 5 | 0.317 |
| 23.03 | 6 | 1.265 |
| 27.11 | 1 | -0.928 |
| 27.11 | 2 | -0.229 |
| 27.11 | 3 | -0.951 |

SCENIC FOOTHILLS COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 17.01 | 2 | -0.459 |
| 17.01 | 3 | -0.812 |
| 17.32 | 1 | -0.655 |
| 17.32 | 2 | -0.042 |
| 17.32 | 3 | 0.013 |

17.32 4 -0.509

SOUTH ADDITION COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 10 | 4* | 0.649 |
| 12 | 1 | -0.449 |
| 12 | 2 | -1.191 |
| 12 | 3* | -0.498 |
| 12 | 4* | -0.926 |
| 12 | 5* | -0.687 |

SOUTH FORK COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 2.04 | 2* | -1.243 |

SPENARD COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 14 | 1* | 1.329 |
| 14 | 5 | 1.160 |
| 14 | 6* | 1.240 |
| 19 | 3 | 0.217 |
| 19 | 4* | 1.961 |
| 19 | 5 | 0.811 |
| 20 | 1 | 1.680 |
| 20 | 2 | 0.486 |
| 20 | 3 | 0.315 |
| 20 | 4 | -0.455 |

| | | |
|-------|----|--------|
| 21 | 1* | -0.640 |
| 21 | 2 | 0.980 |
| 21 | 3 | -0.053 |
| 21 | 4 | 0.084 |
| 21 | 5 | 0.133 |
| 22.01 | 4* | -0.353 |
| 22.02 | 4* | 0.497 |
| 23.01 | 1* | -1.191 |
| 24 | 1 | 0.983 |
| 24 | 2 | -0.506 |
| 24 | 3 | -0.438 |
| 25.02 | 1* | -0.552 |

TAKU-CAMPBELL COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 19 | 4* | 1.961 |
| 25.01 | 1 | -1.200 |
| 25.01 | 2 | -0.035 |
| 25.01 | 3 | 0.511 |
| 25.01 | 4 | -0.514 |
| 25.01 | 5 | -0.371 |
| 25.02 | 1* | -0.552 |
| 25.02 | 2 | 0.356 |
| 25.02 | 3 | 0.696 |
| 25.02 | 4 | -0.214 |
| 27.12 | 1* | 0.189 |
| 27.12 | 2 | 0.584 |
| 27.12 | 3* | 0.084 |

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TUDOR AREA COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 15 | 3 | 0.601 |
| 15 | 4 | -0.662 |

TURNAGAIN COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 12 | 3* | -0.498 |
| 12 | 5* | -0.687 |
| 13 | 1 | -1.050 |
| 13 | 2 | -1.231 |
| 13 | 3 | -1.271 |
| 21 | 1* | -0.640 |
| 22.01 | 1 | -0.792 |
| 22.01 | 2 | -0.158 |
| 22.01 | 3 | -0.278 |
| 22.01 | 4* | -0.353 |
| 22.02 | 1 | 0.563 |
| 22.02 | 2 | -0.046 |
| 22.02 | 3 | -0.595 |
| 22.02 | 4* | 0.497 |
| 23.01 | 1* | -1.191 |

TURNAGAIN ARM COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 28.23 | 2* | -0.985 |
| 29 | 1* | -1.107 |
| 29 | 2* | -1.050 |

29 4* -1.002

UNIVERSITY AREA COMMUNITY COUNCIL

| <u>Tract</u> | <u>Block</u> | <u>Concentrated Disadvantage</u> |
|--------------|--------------|----------------------------------|
| 16.02 | 1 | 0.126 |
| 16.02 | 2 | -0.498 |
| 16.02 | 3 | -0.093 |
| 16.02 | 4 | 0.258 |
| 17.01 | 1 | 0.868 |
| 17.01 | 4 | -0.243 |
| 17.01 | 5 | -0.525 |
| 18.02 | 1 | 0.631 |
| 18.02 | 2 | 1.003 |

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