



## **Anchorage Community Indicators: Public Use Data Files**

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## **Anchorage Community Indicators: Public Use Data Files**

The Anchorage Community Indicators project is and will continue to be a work in progress. The initiative is intended to provide wide public access to data about Anchorage and its communities, to encourage use of data in public discourse, provide ready access to statistical information that might prove useful as proposals are under development, and to provide the scholarly community with data in support of research activities. To further the analytical utility of these data a number of composite measures have been computed and appended to the data files posted here. All of the posted data files are in SPSS format. Initial data postings include:

- 2005 Anchorage Community Survey
  - Individual (*ACSPubFile.sav*)
  - Census tract with census indices (*ACSCT.sav*)
- 2000 U.S. Census Extracts
  - Census tract (*CTractMeasures.sav*)
  - Block group (*BlockGroupMeasures.sav*)

### **2005 Anchorage Community Survey**

The Anchorage Community Survey is a semi-annual telephone survey of residents of the city. The 2005 survey is the second in the series and the first to be made publicly available. The survey was conducted between October 2004 and February 2005 during which time nearly 2,500 respondents participated. A complete description of the survey methodology, the questionnaire, and results at the Community Council level are presented in *The Anchorage Community Survey, 2005: Sourcebook* (available on-line at <http://justice.uaa.alaska.edu/research/2000/0508anchsurvey/0508sourcebook.html>). The two datasets based on the Anchorage Community Survey (ACS) are in SPSS format.

The first ACS dataset, ACSPubFile.sav, is the complete file containing individual responses to questions that address: community capacity, satisfaction with local government, perceptions of the criminal justice system, assessment of Anchorage Police Department performance, and respondent characteristics. It also provides information about attitudes toward youth violence, firearms violence, municipal spending, and public health. Appended to individual responses are geographic data that allow aggregation of responses to: community councils, assembly districts, state legislative districts, APD beats, zip codes, census tracts, and census block groups. Finally, several composite measures have been computed and appended to the file (the measures and their computation are addressed in *Anchorage Community Survey: Composite Measures*. These include:

- Respondent characterization of the degree of neighborhood *social cohesion and trust*;
- Respondent assessments of neighborhood capacity to exert *informal social control*;
- Respondent degree of participation in community groups, *social participation*;
- Respondent neighborhood '*collective efficacy scores*' (a combination of cohesion and informal control);
- Respondent assessments of the Anchorage Police Department.

The variables included in the ACSPubFile.sav are listed in the table, Variable Information: ACSPubFile.sav, included in the appendices.

The second Anchorage Community Survey dataset, ACSCT.sav, is a merged dataset consisting of composite measures extracted from the 2005 Anchorage Community Survey, 2000 U.S. Census, Anchorage Police Department Dispatches 2003-5. This data set includes census tract level measures of local community capacity, assessment of APD performance, a number of social structure variables drawn from the 2000 US Census (measures of heterogeneity and inequality inspired by Peter Blau, and an array of measures drawn from the Project on Human Development in Chicago Neighborhoods), and a number of dispatch measures developed from APD dispatch databases. The logic underlying the ACS composite measures and their computation is addressed in ***Anchorage Community Survey: Composite Measures***. The logic underlying the composite measures from census and their computation is addressed in ***ACI Technical Report: Initial Measures Derived from Census***. The dispatch measures included from the APD dispatches include census tract counts and rates of dispatches during the period between 2003 and 2005 to: violent crimes, property crimes, domestic violence reports, weapons offenses, alcohol-related reports, drug-related reports, and dispatches to disorderly situations. Processing of the APD dispatch data and construction of the measures is addressed in ***Anchorage Police Department Dispatch Data***.

### **2000 U.S. Census Extracts**

Two data files from the 2000 U.S. Census are posted to this site in SPSS format. The first is at the census tract level of aggregation and describes the 55 census tracts that compose the city of Anchorage. The second data file describes the 214 census block groups. Each of the data files contains composite measures derived from Summary File 3 (SF3) of the 2000 Census of Population and Housing (documented in ***ACI Technical Report: Initial Measures Derived from Census***) and dispatch measures derived from APD dispatch data files (documented in ***Anchorage Police Department Dispatch Data***). The variables included in each of the census extract files are listed in appendix tables.

## APPENDICES-VARIABLES

Appendix 1-ACSPubFile.sav

Appendix 2-ACSCT.sav

Appendix 3-CTractMeasures.sav

Appendix 4-BlockGroupMeasures.sav

Appendix 1: **ACSPubFile.sav**

| Variable | Position | Label                            |
|----------|----------|----------------------------------|
| lccap_1  | 1        | Cohesion-trust                   |
| lccap_2  | 2        | Cohesion-don't get along         |
| lccap_3  | 3        | Cohesion-don't share values      |
| lccap_4  | 4        | Cohesion-willing to help         |
| lccap_5  | 5        | Cohesion-close-knit              |
| lccap_6  | 6        | Control-graffiti                 |
| lccap_7  | 7        | Control-disrespect               |
| lccap_8  | 8        | Control- fire station            |
| lccap_9  | 9        | Control-fight                    |
| lccap_10 | 10       | Control-skipping school          |
| lccap_11 | 11       | Participation-religion           |
| lccap_12 | 12       | Participation-political          |
| lccap_13 | 13       | Participation-block group        |
| lccap_14 | 14       | Participation-civic group        |
| lccap_15 | 15       | Participation-ethnic club        |
| lccap_16 | 16       | Participation-neighborhood watch |
| lgcap_1  | 17       | Satisfied-fire                   |
| lgcap_2  | 18       | Satisfied-ems                    |
| lgcap_3  | 19       | Satisfied-police                 |
| lgcap_4  | 20       | Satisfied-K-12                   |
| lgcap_5  | 21       | Satisfied-bus                    |
| lgcap_6  | 22       | Service-garbage                  |
| lgcap_7  | 23       | Service-snow removal             |
| lgcap_8  | 24       | Service-recreation facilities    |
| lgcap_9  | 25       | Service-neighborhood streets     |
| cjcap_1  | 26       | Rating-police                    |

|          |    |                              |
|----------|----|------------------------------|
| cjcap_2  | 27 | Rating-prosecutors           |
| cjcap_3  | 28 | Rating-defense bar           |
| cjcap_4  | 29 | Rating-judges                |
| cjcap_5  | 30 | Rating-correctional officers |
| cjcap_6  | 31 | Rating-comm. corr. officers  |
| cjcap_7  | 32 | CJ-racial fairness           |
| cjcap_8  | 33 | CJ-helpful/friendly          |
| cjcap_9  | 34 | CJS-catch criminals          |
| cjcap_10 | 35 | CJS-adjudication             |
| cjcap_11 | 36 | CJS-just outcomes            |
| cjcap_12 | 37 | CJS-reduce crime             |
| cjcap_13 | 38 | CJS-harshness                |
| apd_1    | 39 | APD-response time            |
| apd_2    | 40 | APD-excessive force          |
| apd_3    | 41 | APD-helpful/friendly         |
| apd_4    | 42 | APD-fair                     |
| apd_5    | 43 | APD-solve crimes             |
| apd_6    | 44 | APD-prevent crime            |
| apd_7    | 45 | APD-confidence               |
| apd_8    | 46 | APD-accessible               |
| apd_9    | 47 | APD-personal contact         |
| apd_10   | 48 | APD-competence               |
| apd_11   | 49 | APD-vicarious contact        |
| sex      | 50 | Sex                          |
| hispan   | 51 | Hispanic                     |
| race1    | 52 | Race/ethnicity               |
| educat1  | 53 | Education                    |
| resid    | 54 | Same residence               |
| work     | 55 | Employment status            |
| hseent   | 56 | No. household residents      |
| incom1   | 57 | Income group                 |
| psn_1    | 58 | PSN-pros. carry illegal gun  |

|         |    |  |
|---------|----|--|
| psn_2   | 59 | PSN-pros. gun crime                    |
| psn_3   | 60 | PSN-pros. quickly for gun crime        |
| psn_4   | 61 | PSN-convicted, state court             |
| psn_5   | 62 | PSN-convicted, federal court           |
| psn_6   | 63 | PSN-plea to lesser charge              |
| psn_7   | 64 | PSN-long prison sentence               |
| psn_8   | 65 | PSN-did you know1                      |
| psn_9   | 66 | PSN-did you know2                      |
| psn_10  | 67 | PSN-catch phrase                       |
| yv_1    | 68 | YV-youth disrespect adults             |
| yv_2    | 69 | YV-youth hanging out intimidate        |
| yv_3    | 70 | YV-people overrate yv problem          |
| yv_4    | 71 | YV-more street violence than last year |
| yv_5    | 72 | YV-more/less neigh. violence           |
| yv_6    | 73 | YV-concern about victimization         |
| yv_7    | 74 | YV-big problem                         |
| yv_8    | 75 | YV-jj system too harsh                 |
| muni_1  | 76 | MUNI-tax efficiency                    |
| muni_2  | 77 | MUNI-favor tax on alcohol              |
| muni_3  | 78 | MUNI-best way to fund parks            |
| muni_4  | 79 | MUNI-worst way to fund parks           |
| muni_5  | 80 | MUNI-most needed park & rec            |
| muni_6  | 81 | MUNI-request EMS service               |
| muni_7  | 82 | MUNI-satisfaction w EMS service        |
| muni_8  | 83 | MUNI-family or friend request EMS      |
| muni_9  | 84 | MUNI-ride People Mover                 |
| muni_10 | 85 | MUNI-student enrolled in ASD           |
| hlth_1  | 86 | HLTH-substance abuse problem           |
| hlth_2  | 87 | HLTH-obesity problem                   |
| hlth_3  | 88 | HLTH-lack health ins. problem          |
| hlth_4  | 89 | HLTH-domestic violence problem         |
| hlth_5  | 90 | HLTH-scale community health, 0 to 5    |

|          |     |                                  |
|----------|-----|----------------------------------|
| hlth_6   | 91  | HLTH-scale own health, 0 to 5    |
| hlth_7   | 92  | HLTH-suicide problem             |
| hlth_8   | 93  | HLTH-accidental injuries problem |
| hlth_9   | 94  | HLTH-have health ins.            |
| hlth_10  | 95  | HLTH-health ins provider         |
| hlth_11  | 96  | <none>                           |
| hlth_12  | 97  | HLTH-need care past year         |
| city     | 98  | City                             |
| state    | 99  | State                            |
| zipcode  | 100 | Zip code                         |
| beat     | 101 | APD Beat                         |
| section  | 102 | Assembly District                |
| tract    | 103 | Census Tract                     |
| group    | 104 | Census Block Group               |
| district | 105 | House District                   |
| senate   | 106 | Senate District                  |
| councils | 107 | Community Council number         |
| council_ | 108 | Community Council name           |
| socoh    | 109 | Social Cohesion-index            |
| socon    | 110 | Social Control-index             |
| sopart   | 111 | Social Participation-index       |
| apdsat   | 112 | APD Satisfaction-index           |
| coleff   | 113 | Collective Efficacy              |



Appendix 2: ACSCT.sav

| Variable | Position | Label  |
|----------|----------|--|
| tract    | 1        | Census Tract                                 |
| socoh    | 2        | Social Cohesion Index                        |
| socon    | 3        | Social Control Index                         |
| sopart   | 4        | Social Participation Index                   |
| apdsat   | 5        | APD Satisfaction Index                       |
| coleff   | 6        | Collective Efficacy                          |
| nresp    | 7        | Number of respondents to ACS in census tract |
| nblkgps  | 8        | Number of block groups in census tract       |
| totalemp | 9        | Employed civilians 16 and older              |
| indhet   | 10       | Industrial Heterogeneity                     |
| tothld   | 11       | Number of Households                         |
| ice      | 12       | Index of Concentration at the Extremes       |
| occhet   | 13       | Occupational Heterogeneity                   |
| pfampov  | 14       | Proportion of families below poverty         |
| phhldpa  | 15       | Proportion of households rec. pub. asst.     |
| pfhfam   | 16       | Proportion of families female headed         |
| punemp   | 17       | Proportion +16 unemployed                    |
| plt18    | 18       | Proportion <18 years                         |
| pblk     | 19       | Proportion of black/african american         |
| condis   | 20       | Concentrated Disadvantage                    |
| plat     | 21       | Proportion latino/hispanic                   |
| pforborn | 22       | Proportion foreign born                      |
| immcon   | 23       | Immigrant Concentration                      |
| psamres  | 24       | Proportion same residence                    |
| pownocc  | 25       | Proportion residences owner occupied         |
| resstab  | 26       | Residential Stability                        |
| phhld100 | 27       | Proportion household more than \$100K        |
| pbach    | 28       | Proportion baccalaureate or more             |

|               |    |  |
|---------------|----|--|
| ratadkid      | 29 | Ratio of adults to children                        |
| popden        | 30 | Population density                                 |
| racehet       | 31 | Racial Heterogeneity                               |
| pop100        | 32 | Population Count (100%)                            |
| gini          | 33 | GINI   |
| sqrmiles      | 34 | Square miles                                       |
| nhounit       | 35 | Number of housing units                            |
| houden        | 36 | Housing density                                    |
| ses           | 37 | SES  |
| pmil          | 38 | Proportion 18-64 military                          |
| vachous       | 39 | Proportion Housing Units Vacant                    |
| prolt20k      | 40 | Proportion Households less than \$20,000           |
| muldisad      | 41 | Multiform Disadvantage                             |
| ppromgmt      | 42 | Proportion professional and management occupations |
| conaff        | 43 | Concentrated Affluence                             |
| vitot_sum     | 44 | Violent Dispatches 2003-5                          |
| prtot_sum     | 45 | Property Dispatches 2003-5                         |
| dvtot_sum     | 46 | Domestic Violence Dispatches 2003-5                |
| wptot_sum     | 47 | Weapons Offense Dispatches 2003-5                  |
| altot_sum     | 48 | Alcohol Related Dispatches 2003-5                  |
| drtot_sum     | 49 | Drug Related Dispatches 2003-5                     |
| disordtot_sum | 50 | Disorder Dispatches 2003-5                         |
| tottot_sum    | 51 | Total Dispatches 2003-5                            |
| vdisrate      | 52 | Violent dispatches per 1000 2003-5                 |
| pdisrate      | 53 | Property dispatches per 1000 2003-5                |
| dvdisrate     | 54 | Domestic Violence dispatches per 1000 2003-5       |
| wdisrate      | 55 | Weapons Offense dispatches per 1000 2003-5         |
| adisrate      | 56 | Alcohol Related dispatches per 1000 2003-5         |
| ddisrate      | 57 | Drug Related dispatches per 1000 2003-5            |
| disordrt      | 58 | Disorder dispatches per 1000 2003-5                |
| tdisrate      | 59 | Total dispatches per 1000 2003-5                   |

### Appendix 3: CTractMeasures.sav

| Variable  | Position | Label                                    |
|-----------|----------|--|
| tract     | 1        | Census Tract                             |
| indhct    | 2        | Industrial Heterogeneity                 |
| tothhld   | 3        | Number of Households                     |
| ice       | 4        | Index of Concentration at the Extremes   |
| occhet    | 5        | Occupational Heterogeneity               |
| pfampov   | 6        | Proportion of families below poverty     |
| phhldpa   | 7        | Proportion of households rec. pub. asst. |
| pfhfam    | 8        | Proportion of families female headed     |
| punemp    | 9        | Proportion +16 unemployed                |
| plt18     | 10       | Proportion <18 years                     |
| pblk      | 11       | Proportion black/african american        |
| condis    | 12       | Concentrated Disadvantage                |
| plat      | 13       | Proportion latino/hispanic               |
| pforborn  | 14       | Proportion foreign born                  |
| psamres   | 15       | Proportion same residence                |
| pownocc   | 16       | Proportion residences owner occupied     |
| phhld100  | 17       | Proportion household more than \$100K    |
| pbach     | 18       | Proportion baccalaureate or more         |
| ratadkid  | 19       | Ratio of adults to children              |
| popden    | 20       | Population Density                       |
| racehet   | 21       | Racial Heterogeneity                     |
| pop100    | 22       | Population Count (100%)                  |
| gini      | 23       | GINI                                     |
| sqrmiiles | 24       | Square miles                             |
| nhounit   | 25       | Number of housing units                  |
| houden    | 26       | Housing Density                          |
| ses       | 27       | SES                                      |
| pmil      | 28       | Proportion 18-64 military                |

| Variable      | Position | Label  |
|---------------|----------|--|
| immicon       | 29       | Immigrant Concentration                            |
| resstab       | 30       | Residential Stability                              |
| muldisad      | 31       | Multiform Disadvantage                             |
| pvacant       | 32       | Proportion Housing Units Vacant                    |
| prolt20k      | 33       | Proportion Households less than \$20,000           |
| ppromgmt      | 34       | Proportion professional and management occupations |
| conaff        | 35       | Concentrated Affluence                             |
| vitot_sum     | 36       | Violent Dispatches 2003-5                          |
| prtot_sum     | 37       | Property Dispatches 2003-5                         |
| dvtot_sum     | 38       | Domestic Violence Dispatches 2003-5                |
| wptot_sum     | 39       | Weapons Offense Dispatches 2003-5                  |
| altot_sum     | 40       | Alcohol Related Dispatches 2003-5                  |
| drtot_sum     | 41       | Drug Related Dispatches 2003-5                     |
| disordtot_sum | 42       | Disorder Dispatches 2003-5                         |
| tottot_sum    | 43       | Total Dispatches 2003-5                            |

#### Appendix 4: **BlockGroupMeasures.sav**

| Variable | Position | Label                                    |
|----------|----------|--|
| tract    | 1        | Census Tract                             |
| blkgrp   | 2        | Block Group                              |
| indhct   | 3        | Industrial Heterogeneity                 |
| occhet   | 4        | Occupational Heterogeneity               |
| povehhld | 5        | No. of households < \$20K                |
| affhhld  | 6        | No. of households >\$100K                |
| midhhld  | 7        | No. of households >\$20K<\$100K          |
| ice      | 8        | Index of Concentration at the Extremes   |
| prolt20k | 9        | Proportion of households <\$20K          |
| pfampov  | 10       | Proportion of families below poverty     |
| phhldpa  | 11       | Proportion of households rec. pub. asst. |
| pfhfam   | 12       | Proportion of families female head       |
| punemp   | 13       | Proportion over 16 unemployed            |
| plt18    | 14       | Proportion less than 18 years            |
| pblk     | 15       | Proportion black                         |
| plat     | 16       | Proportion latino                        |
| pforborn | 17       | Proportion foreign born                  |
| psamres  | 18       | Proportion same house 5 years            |
| pownocc  | 19       | Proportion housing owner occupied        |
| pvacant  | 20       | Proportion housing vacant                |
| popden   | 21       | Population per square mile               |
| phhld100 | 22       | Proportion of households income >\$100K  |
| ppromgmt | 23       | Proportion in prof. and mgmt occupations |
| pbach    | 24       | Proportion with bach. or more            |
| conaff   | 25       | Concentrated Affluence REGR              |
| ratadkid | 26       | Ratio of adults to children              |
| condis   | 27       | Concentrated Disadvantage                |
| racehet  | 28       | Racial Heterogeneity                     |

| Variable  | Position | Label  |
|-----------|----------|--|
| pop100    | 29       | Population Count (100%)                                |
| gini      | 30       | GINI   |
| sqrmiles  | 31       | Square miles   |
| nhounit   | 32       | Number of housing units                                |
| houden    | 33       | Housing Density  |
| ses       | 34       | SES REGR factor score                                  |
| pmil      | 35       | Proportion 18-64 military                              |
| resstab   | 36       | Residential Stability                                  |
| immicon   | 37       | Immigrant Concentration                                |
| muldisad  | 38       | Multiform Disadvantage                                 |
| tothhld   | 39       | Number of households                                   |
| vdisrate  | 40       | Number of violent crime dispatches/1000 pop 2003-5     |
| pdisrate  | 41       | Number of property crime dispatches/1000 pop 2003-5    |
| dvdisrate | 42       | Number of domestic violence dispatches/1000 pop 2003-5 |
| wdisrate  | 43       | Number of weapons offense dispatches/1000 pop 2003-5   |
| adisrate  | 44       | Number of alcohol offense dispatches/1000 pop 2003-5   |
| ddisrate  | 45       | Number of drug offense dispatches/1000 pop 2003-5      |
| disordrt  | 46       | Disorder dispatch rate per 1000 2003-5                 |
| tdisrate  | 47       | Total number of dispatches/ 1000 pop 2003-5            |
| vitot     | 48       | Violent Dispatches 2003-5                              |
| prtot     | 49       | Property Dispatches 2003-5                             |
| dvtot     | 50       | Domestic Violence Dispatches 2003-5                    |
| wptot     | 51       | Weapons Offenses Dispatches 2003-5                     |
| altot     | 52       | Alcohol Related Dispatches 2003-5                      |
| drtot     | 53       | Drug Related Dispatches 2003-5                         |
| disordtot | 54       | Disorder Dispatches 2003-5                             |
| tottot    | 55       | Total Dispatches 2003-5                                |