



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

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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
hsecnt	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
coeff	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
indheth	10	Industrial Heterogeneity
tothhld	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.
pfhfm	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
tothld	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
sqrmi	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
indheth	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
dvdistrate	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