

PLACE MATTERS TEAM

ABC HEAT

ALBUQUERQUE / BERNALILLO COUNTY

HEALTH EQUITY ASSESSMENT TOOL

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ALBUQUERQUE / BERNALILLO COUNTY HEALTH EQUITY ASSESSMENT TOOL

A Project of the Bernalillo County Place Matters Team

ABC HEAT is a collaborative health equity initiative with the goal of providing communities and decision-makers in our city & county with **evidence to build health** into public and private policies and practices.

We believe that decision-makers must have reliable data on health status, disparities, and the effects of social determinants of health. These data must be monitored at the **local level** in collaboration with the people and families who live there, and **funding** must be available to promote community participatory assessment to understand these health effects and to promote the application of findings to decision-makers.

HEAT COMMUNITIES

141 Census Tracts were aggregated into 33 'communities' representing coherent neighborhoods in the city of Albuquerque and surrounding county.

Social determinant and health outcome data was calculated for each of those 33 communities to produce the following 14 maps of injury mortality. (The first 5 maps present data at the census tract level for greater detail.)

Future versions will explore using other definitions of communities, for example: coalitions of neighborhood associations, police beats, state representative districts, etc.

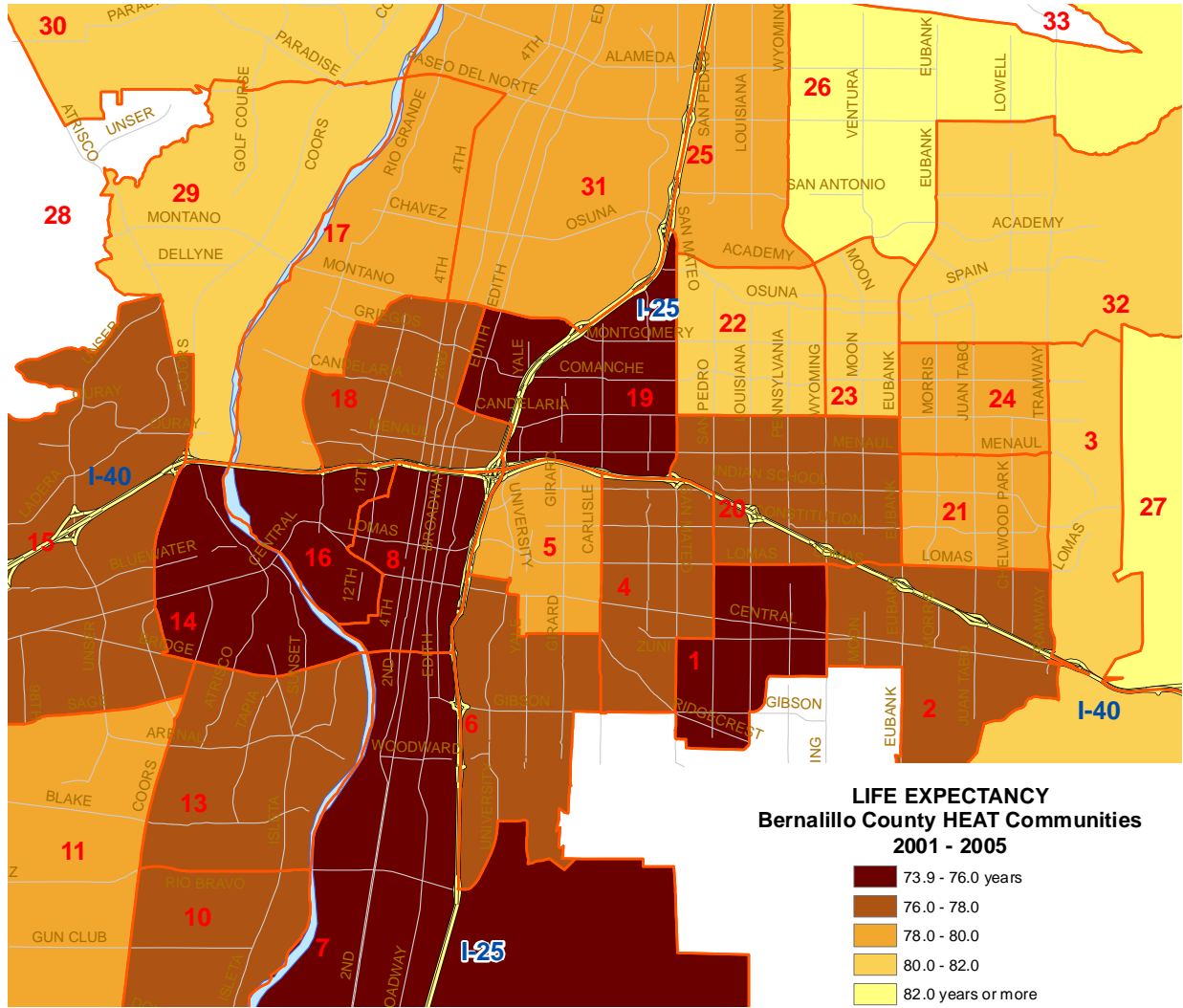
The table at right gives the names for each of the 33 communities, corresponding to a near-by major intersection. The sample map on the next page points out familiar landmarks in Albuquerque. Red lines mark the HEAT Communities. HEAT stands for Health Equity Assessment Tool (see also http://www.nmpha.org/Social_Determinants.html).

Input is appreciated regarding better ways to define the geography of your community.

CODE	COMMUNITY NAME OR CROSS-STREET
1	CENTRAL - PENNSYLVANIA
2	CENTRAL - JUAN TABO
3	EAST GATEWAY
4	LOMAS - SAN MATEO
5	LOMAS - GIRARD
6	GIBSON - UNIVERSITY
7	RIO BRAVO - SECOND
8	LOMAS - BROADWAY
9	KIRTLAND AIR BASE*
10	ISLETA - GUN CLUB
11	CHAVEZ - NINETYEIGHT
12	ISLETA PUEBLO*
13	ARENAL - TAPIA
14	CENTRAL - COORS
15	CENTRAL - NINETYEIGHTH
16	CENTRAL - RIO GRANDE
17	MONTANO - RIO GRANDE
18	CANDELARIA - SECOND
19	COMANCHE - CARLYSLE
20	INDIAN SCHOOL - PENNSYLVANIA
21	INDIAN SCHOOL - JUAN TABO
22	MONTGOMERY - LOUISIANA
23	MONTGOMERY - MOON
24	COMANCHE - JUAN TABO
25	PASEO DEL NORTE - LOUISIANA
26	PASEO DEL NORTE - VENTURA
27	EAST MOUNTAIN
28	WEST COUNTY, LAGUNA PUEBLO*
29	MONTANO - COORS
30	IRVING - UNSER
31	ALAMEDA- EDITH
32	ACADEMY - TRAMWAY
33	SANDIA PUEBLO*

**Areas not represented on maps, or for which data is missing.*

DRAFT



PLACE MATTERS – ABC HEAT

Source: Deaths - NMDOH-BVRHS; Population - Geolytics, Inc.

LIFE EXPECTANCY AT BIRTH

Bernalillo County HEAT Communities Both Sexes, 2001-2005

Life Expectancy Comparisons

USA (2003)*	77.4 years
NM (2001-03)*	77.3 years
<u>Bernalillo County (2001-05)</u>	<u>80.3 years</u>

**Source: NCHS*

Life expectancy is a key measure of the health status of a population. It is defined as the average number of years a baby born in a particular area or population can be expected to live if it experiences the current age-specific mortality rates of that particular area or population throughout its life.

These estimates use the methods described by Chiang, 1968 (see references).

LIFE EXPECTANCY AT BIRTH, BERNALILLO COUNTY COMMUNITIES, 1990-2005

BERNALILLO COUNTY PLACE MATTERS TEAM, HEALTH EQUITY ASSESSMENT TOOL

HEAT COMMUNITY code	HEAT COMMUNITY name (major Intersection)	QUAD	Person Years 1990-2005	LIFE EXPECTANCY at birth	SE	L95CI	U95CI
001	CENTRAL PENN	SE	413,048	73.90	0.50	72.93	74.88
002	CENTRAL TABO	SE	422,591	77.86	0.52	76.84	78.87
003	EAST GATEWAY	NESE	277,867	81.35	0.56	80.25	82.44
004	LOMAS SAN MATEO	NESE	326,436	77.69	0.53	76.65	78.72
005	LOMAS GIRARD	NE	231,784	78.36	0.67	77.05	79.68
006	GIBSON UNIVERSITY	SE	194,175	77.06	0.84	75.41	78.71
007	RIO BRAVO SECOND	SW	137,924	74.88	0.83	73.26	76.49
008	LOMAS BROADWAY	NW	229,557	74.12	0.69	72.77	75.46
009	KIRTLAND	SE	93,793	75.47	1.48	72.57	78.36
010	ISLETA GUN CLUB	SW	205,761	76.92	0.75	75.45	78.39
011	CHAVEZ NINETYEIGHT	SW	305,156	79.03	0.89	77.30	80.77
012	ISLETA PUEBLO	SWSE	37,242	135.42	26.36	83.76	187.08
013	ARENAL TAPIA	SW	317,161	77.13	0.57	76.01	78.25
014	CENTRAL COORS	SW	333,023	75.07	0.54	74.03	76.12
015	CENTRAL NINETYEIGHT	SWNW	412,590	77.86	0.53	76.81	78.91
016	CENTRAL RIO GRANDE	NW	106,498	75.77	0.97	73.88	77.66
017	MONTANO RIO GRANDE	NW	189,169	79.97	0.77	78.47	81.48
018	CANDELARIA SECOND	NW	275,760	76.96	0.60	75.78	78.14
019	COMANCHE CARLYSLE	NE	266,753	75.82	0.63	74.59	77.05
020	INDIAN SCHOOL PENNSYLVANIA	NE	403,941	76.86	0.48	75.92	77.80
021	INDIAN SCHOOL JUAN TABO	NE	319,147	78.31	0.56	77.21	79.42
022	MONTGOMERY LOUISIANA	NE	341,754	80.64	0.53	79.60	81.68
023	MONTGOMERY MOON	NE	201,480	80.41	0.61	79.21	81.61
024	COMANCHE JUAN TABO	NE	279,002	78.01	0.54	76.94	79.07
025	PASEO LOUISIANA	NE	266,643	78.91	0.57	77.79	80.03
026	PASEO VENTURA	NE	345,483	83.26	0.49	82.30	84.23
027	EAST MOUNTAIN	NESE	267,650	82.41	0.63	81.19	83.64
028	WEST COUNTY LAGUNA	NWSW	29,599	94.48	17.12	60.93	128.03
029	MONTANO COORS	NW	396,572	81.89	0.61	80.69	83.08
030	IRVING UNSER	NW	349,354	80.49	0.47	79.57	81.42
031	ALAMEDA EDITH	NW	261,190	78.10	0.54	77.04	79.17
032	ACADEMY TRAMWAY	NE	373,128	80.65	0.37	79.92	81.38
033	SANDIA PUEBLO	NE	4,086	74.06	4.26	65.71	82.41

Shaded Rows = Not Mapped; Data Source: NMDOH Vital Records, 1990-2005; Analysis: T Scharmen

Tool: South East Public Health Observatory (SEPHO): <http://www.sepho.org.uk/viewResource.aspx?id=8943>

References:

Chiang CL. *The Life Table and its Construction*. In: *Introduction to Stochastic Processes in Biostatistics*. New York, John Wiley & Sons, 1968: 189-214.

Eayres DP, Williams ES. *Evaluation of methodologies for small area life expectancy estimation*. *J Epidemiol Community Health* 2004;58:243-249

THANK YOU

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HEALTH EQUITY ASSESSMENT TOOL

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