

- Fire (2)
- Pit water (production water) containment (2)
- Smoke (1)
- Trash (1)

Quantitative Health Data. Final data collection for this report took place in January 2008, unless otherwise noted. Thus, these data are the most currently available at that point in time.

Vital Statistics

- Tables 8 through 11 present vital statistics data and trends for 1996 and 2002-2006 by county. Table 12 provides selected birth statistics by County for 2006, specifically.
- According to the annual birth rate data for the years 1996 and 2002 – 2006, birth rates for all counties have been essentially stable during this period. The exception is Montrose County, for which there was a drop in the birth rate between 1996 and 2002, after which the birth rate stabilized between 2002 and 2006. Garfield County had the highest average annual birth rate during this period.
- The percentage of teen mothers has been stable over the study period, with the exception of Delta County, which saw a drop in the percentage of mothers who are between the ages of 10 and 17 years between 1996 and 2002. Based on the average annual rate for the period 2002-2006, Garfield County had the lowest rate of teen mothers among the comparison counties.
- The rate of low birth weight (<2,500 grams) babies among the four counties is similar.
- Mesa County had the lowest rate of mothers who did not receive prenatal care during the first trimester of their pregnancies. The rates for the other three counties were similar.
- The highest rate of mothers who had less than 12 years of formal education was in Garfield County.
- Garfield County's rate of neonatal and infant deaths was similar to that of Mesa County, and higher than that of Delta and Montrose Counties.
- The age-adjusted, total death rate for Garfield County was comparable to the age-adjusted, total death rate for Delta County, and lower than the age-adjusted, total death rates for Mesa or Montrose Counties. The graph in the section below provides a comparison of crude, total death rates for the four counties over the period of 1990 – 2006. Garfield County had the lowest crude death rate for the past 2 ½ decades.

Table 10. Vital statistics by County 1996, 2002-2006	Delta County						
	1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
Total population	25,718	29,194	29,666	30,073	30,264	30,672	29,974
Total Births							
Number	312	317	332	350	338	344	336
Birth Rate	12.1	10.9	11.2	11.6	11.2	11.2	11.2
Age of Mother 10-17							
Number	31	18	19	19	14	11	16
Percent of Total Births	9.9	5.7	5.7	5.4	4.1	3.2	4.8
Low Weight Births (<2,500 grams)							
Number	23	24	28	37	26	21	27
Percent of Total Births	7.4	7.6	8.4	10.6	7.7	6.1	8.1
Prenatal Care Later than 1st Trimester							
Number	88	94	74	85	97	103	91
Percent of Total Births	28.8	29.7	22.7	26.6	30.5	32.2	28.3
Mother's Education <12 years							
Number	89	84	74	95	77	75	81
Percent of Total Births	28.6	26.8	22.5	28	23.4	22.6	24.7

Infant Deaths							
Number	*	*	5	3	0	*	*
Rate	*	*	15.1	8.6	0	*	*
Neonatal Deaths							
Number	*	*	3	*	0	*	*
Rate	*	*	9	*	0	*	*
Total Deaths							
Number	308	316	338	278	331	323	317
Age-Adjusted Rate	798.3	766.1	801.8	652.6	759.5	747.6	745.2

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

*indicates one or two events

Birth rates are per 1,000 total population.

Infant and neonatal mortality rates are per 1,000 live births. Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Total death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Table 11. Vital statistics by County 1996, 2002-2006		Garfield County						
		1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
Total population		37,678	47,439	48,395	49,319	50,669	52,878	49,740
Total Births								
	Number	604	855	871	803	816	945	858
	Birth Rate	16	18	18	16.3	16.1	17.9	17.2
Age of Mother 10-17								
	Number	22	32	30	25	24	31	28
	Percent of Total Births	3.6	3.7	3.4	3.1	2.9	3.3	3.3
Low Weight Births (<2,500 grams)								
	Number	37	63	70	65	57	69	65
	Percent of Total Births	6.1	7.4	8	8.1	7	7.3	7.6
Prenatal Care Later than 1st Trimester								
	Number	157	326	217	197	266	346	270
	Percent of Total Births	26.2	38.2	24.9	24.6	32.7	36.7	31.6
Mother's Education <12 years								
	Number	144	281	311	276	270	273	282

		24	33	35.8	34.6	33.3	29.2	33.1
Percent of Total Births								
Infant Deaths								
	Number	6	9	5	8	3	3	6
	Rate	9.9	10.5	5.7	10	3.7	3.2	6.5
Neonatal Deaths								
	Number	5	3	3	6	3	*	3
	Rate	8.3	3.5	3.4	7.5	3.7	*	4
Total Deaths								
	Number	229	279	310	271	268	289	283
	Age-Adjusted Rate	815.8	819	904.3	759.9	729.9	729.4	786.6

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

*indicates one or two events

Birth rates are per 1,000 total population.

Infant and neonatal mortality rates are per 1,000 live births. Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Total death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U. S. population using the direct method applied to 10-year age groups.

Table 12. Vital statistics by County 1996, 2002-2006		Mesa County						
		1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
Total population		107,536	122,467	125,077	127,816	130,662	135,473	128,299
Total Births								
	Number	1,366	1,553	1,662	1,711	1,819	1,880	1,725
	Birth Rate	12.7	12.7	13.3	13.4	13.9	13.9	13.4
Age of Mother 10-17								
	Number	99	66	75	69	88	87	77
	Percent of Total Births	7.2	4.2	4.5	4	4.8	4.6	4.5
Low Weight Births (<2,500 grams)								
	Number	102	123	126	146	141	138	135
	Percent of Total Births	7.5	7.9	7.6	8.5	7.8	7.3	7.8
Prenatal Care Later than 1st Trimester								
	Number	195	242	257	210	255	292	251
	Percent of Total Births	14.3	15.6	15.5	12.3	14	15.6	14.6
Mother's Education <12 years								
	Number	295	295	370	276	272	415	366
	Percent of Total Births	21.6	19.1	22.4	22.1	20.6	22.2	21.3

Infant Deaths		16	10	12	6	9	11
Number		16	10	12	6	9	11
Rate		11.7	10.3	7	3.3	4.8	6.1
Neonatal Deaths							
Number		12	7	10	3	7	8
Rate		8.8	4.2	5.8	1.6	3.7	4.6
Total Deaths							
Number		1,024	1,220	1,162	1,268	1,268	1,230
Age-Adjusted Rate		952.2	996.2	909.1	970.4	936	958.7

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

*indicates one or two events

Birth rates are per 1,000 total population.

Infant and neonatal mortality rates are per 1,000 live births. Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Total death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Table 13. Vital statistics by County 1996, 2002-2006		Montrose County						
		1996	2002	2003	2004	2005	2006	2002-2006 Annual Average
Total population		30,482	35,433	36,122	36,932	37,883	38,908	37,056
Total Births								
	Number	484	440	458	496	521	493	482
	Birth Rate	15.9	12.4	12.7	13.4	13.8	12.7	13
Age of Mother 10-17								
	Number	30	19	23	22	15	19	20
	Percent of Total Births	6.2	4.3	5	4.4	2.9	3.9	4.1
Low Weight Births (<2,500 grams)								
	Number	41	31	32	46	42	32	37
	Percent of Total Births	8.5	7	7	9.3	8.1	6.5	7.6
Prenatal Care Later than 1st Trimester								
	Number	146	142	122	176	222	198	172
	Percent of Total Births	30.4	32.4	27.2	35.9	42.9	40.5	36.1
Mother's Education <12 years								
	Number	143	133	133	138	131	120	131
	Percent of Total Births	29.9	31.1	30.4	29.4	26.1	26.3	28.6

Infant Deaths		Number	3	*	3	*	*	3	*
		Rate	6.2	*	6.6	*	*	6.1	*
Neonatal Deaths		Number	*	0	3	*	0	3	*
		Rate	*	0	6.6	*	0	6.1	*
Total Deaths		Number	304	373	336	339	330	365	349
		Age-Adjusted Rate	997.3	1053	930.2	917.9	871.1	938.1	940.1

Source: Health Statistics Section, Colorado Department of Public Health and Environment.

*indicates one or two events

Birth rates are per 1,000 total population.

Infant and neonatal mortality rates are per 1,000 live births. Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Total death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Figure 20. First Trimester Prenatal Care by County (Percent)

Healthy People 2010 Goal: Increase the percent of infants born to pregnant women receiving prenatal care beginning in the first trimester to 90.0 percent.

County rates are for the year 2005. The state rate is 80.1 percent.

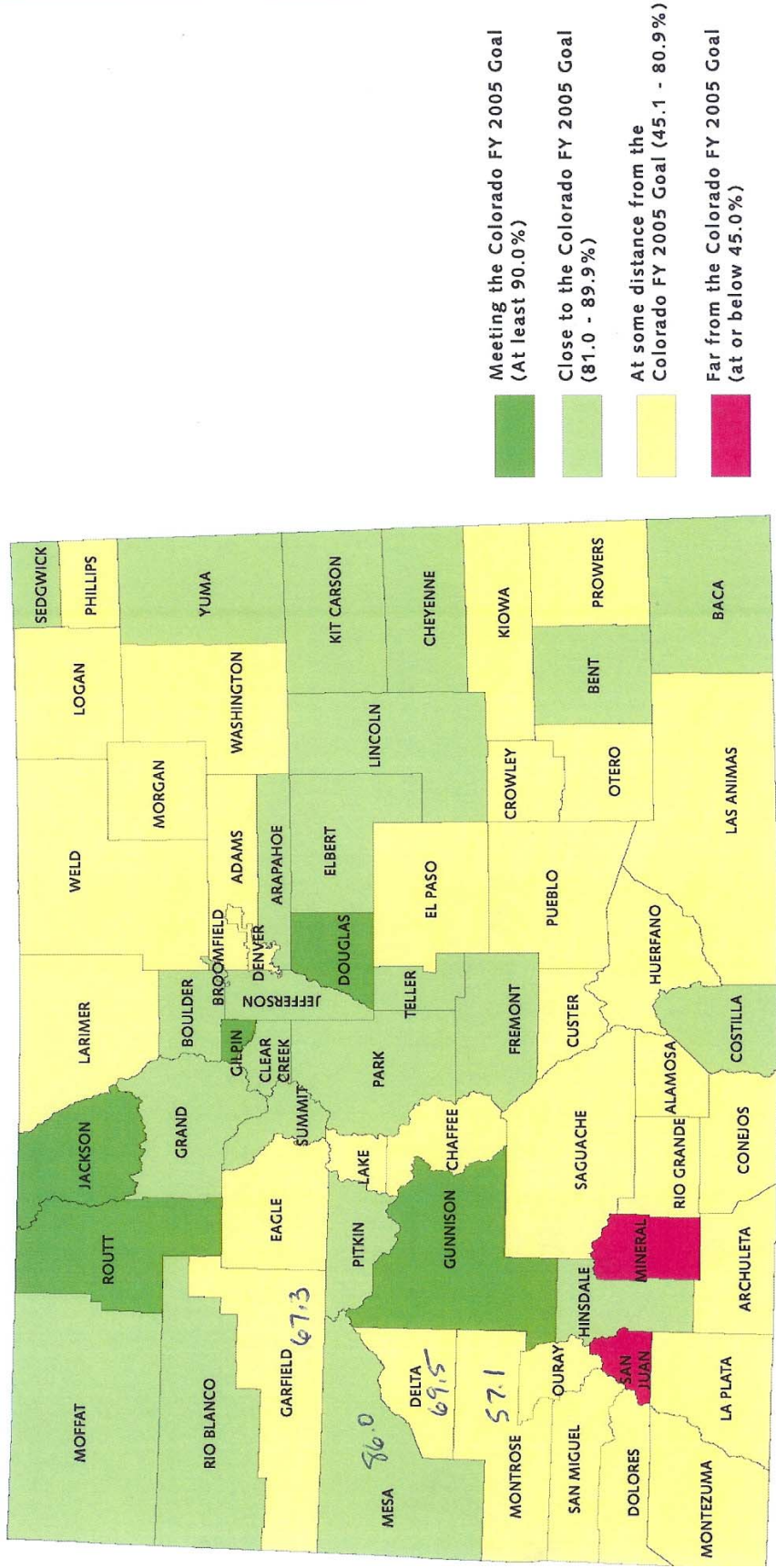


Figure 21. Low Birth Weight by County (Percent)

Healthy People 2010 Goal: Reduce the low birth weight rate to an incidence of no more than 5.0 percent of all births. County rates are 2003-2005 three-year averages. The state rate is 9.1 percent.

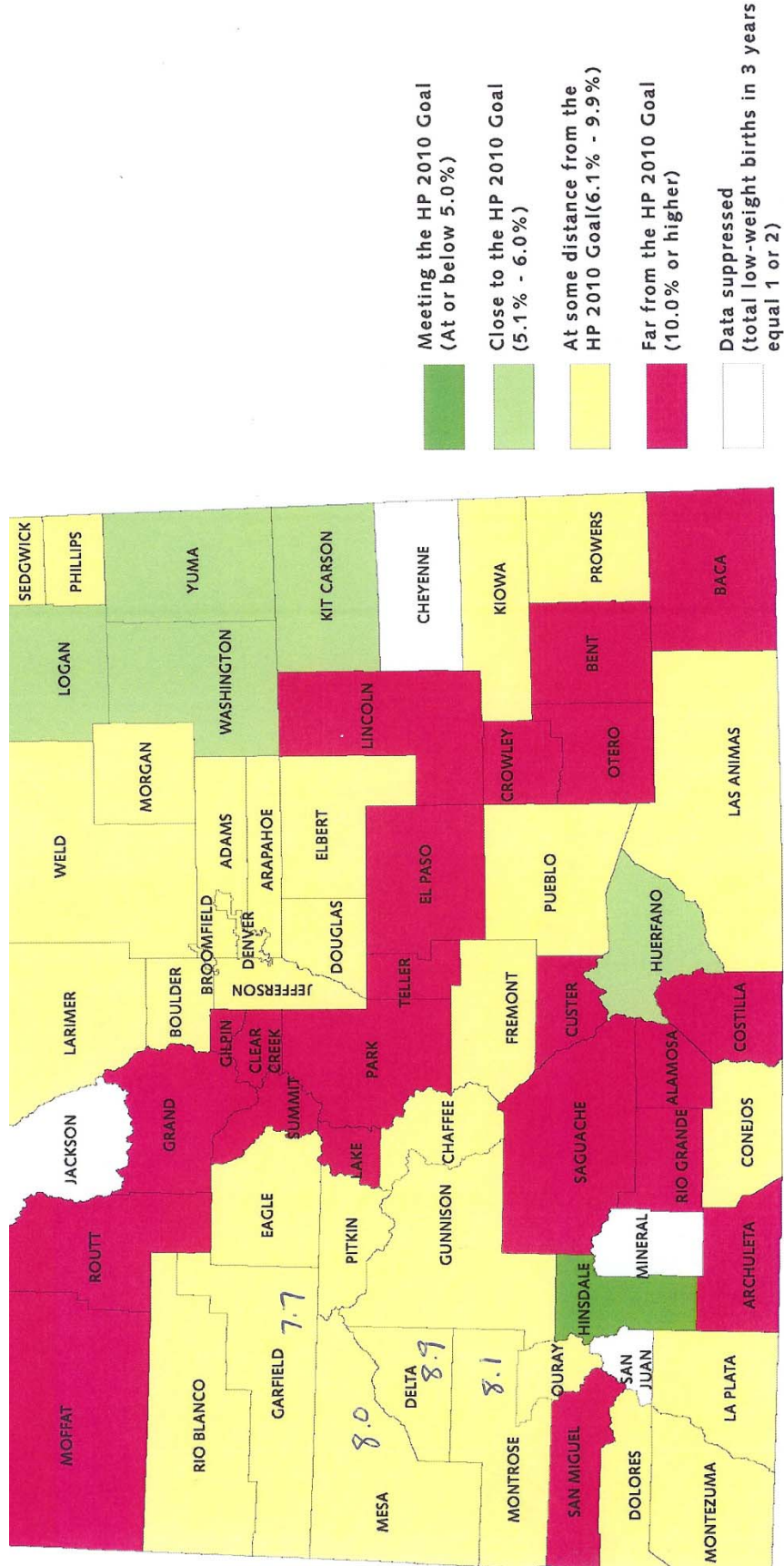


Figure 22. Very Low Birth Weight by County (Percent)

Healthy People 2010 Goal: Reduce the very low birth weight rate to an incidence of no more than 0.9 percent of all births. County rates are 2003-2005 three-year averages. The state rate is 1.3 percent.

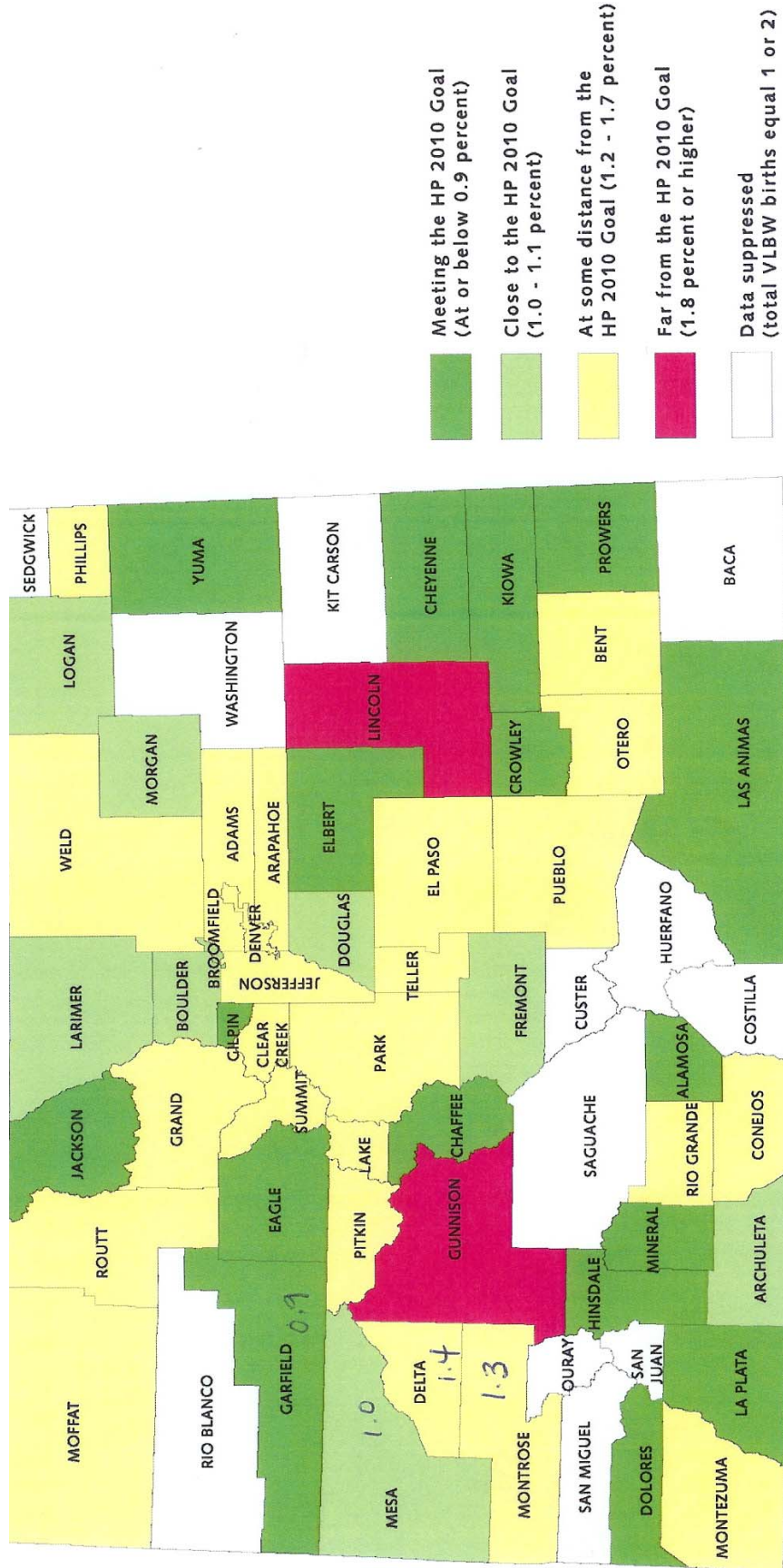


Table 14. Selected birth characteristics by County, 2006

County	Total Live Births	Age of Mother (%)				Low Birth	Very Low Birth
		10-17	18-19	20-29	30+	Weight (%)	Weight (%)
						<2,500 grams	<1,500 grams
Delta	344	3.2	9.3	66.3	21.2	6.1	*
Garfield	945	3.3	7.5	59	30.2	7.3	1
Mesa	1,880	4.6	8.2	61.9	25.2	7.3	0.9
Montrose	493	3.9	8.3	59	28.8	6.5	2

*indicates one or two events

County	Prenatal Care (%)		Pre-term births (%) <37 weeks	Education	Smoking
	after 1st trimester	No care		of mother (%) <12 years	during Pregnancy (%)
Delta	32.2	1.9	7.8	21.8	11.7
Garfield	36.7	1.8	8.5	28.9	13.8
Mesa	15.6	0.9	7.6	22.1	17.5
Montrose	40.5	0.8	9.1	24.3	8.9