

## Chapter 1: Quality of Life in Northwest Arkansas

**Figure 1.1:** Residents' Ratings: Northwest Arkansas As A Place to Live

**Source:** Northwest Arkansas Community Survey, 2000

Northwest Arkansas Omnibus Survey, 2008

**Data Set:** Omnibus2008.sav

**Variable Name:** Quality

**Frequencies:** Residents' Ratings: Northwest Arkansas As A Place to Live

<b>Resident Rating</b>	<b>2000</b>	<b>2008</b>
<b>Excellent</b>	52.2	51.3
<b>Good</b>	39.4	41.5
<b>Fair</b>	7.8	6.2
<b>Poor</b>	0.6	1.0

**Figure 1.2:** Population Growth in Northwest Arkansas Counties: 2000-2007

**Source:** United States Census Bureau; Decennial Census 2000;

American Communities Survey 2007

**Data Set:** Ch2.sav

**Variable Name:** PerCh0007

	<b>Percent Change in Population</b>
<b>Benton</b>	32.3
<b>Carroll</b>	23.1
<b>Madison</b>	8.1
<b>Washington</b>	8.2

## Chapter 2: Social and Demographic Composition

**Figure 2.1:** Population Growth in Northwest Arkansas Counties: 1960-2006

**Source:** United States Census Bureau; Decennial Census 1960, 1970, 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch2.sav

**Variable Name:** Pop60-Pop10\*

	<b>1960</b>	<b>1970</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>	<b>2010*</b>
<b>Benton</b>	36272	50476	78115	97499	153406	196045	223359
<b>Carroll</b>	11284	12301	16203	18654	25357	27339	32304
<b>Madison</b>	9068	9453	11373	11618	14243	15361	16365
<b>Washington</b>	55797	77370	100494	113409	157715	186521	200613

\*Population counts

**Figure 2.2:** Rate of Population Growth

**Source:** United States Census Bureau; Decennial Census 1970, 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch2.sav

**Variable Name:** RatePop70-RatePop06

	<b>70-80</b>	<b>80-90</b>	<b>90-00</b>	<b>00-06</b>
<b>Benton</b>	39.1	24.8	57.3	27.7
<b>Carroll</b>	9.0	15.1	35.9	7.8
<b>Madison</b>	4.2	2.1	22.5	7.8
<b>Washington</b>	38.6	12.8	39.1	18.2

**Figure 2.3:** Percent of Population 25+ w/College Degree: 1980-2000

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch2.sav

**Variable Name:** COLLEGE\_80-COLLEGE00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	18.00	20.00	24.50
<b>Benton</b>	10.80	13.30	16.70
<b>Carroll</b>	11.80	14.40	20.30
<b>Madison</b>	9.80	11.60	13.80
<b>Washington</b>	6.20	8.20	10.10

**Figure 2.4: Living in Same Residence 5 Years Ago: 1980-2000**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch2.sav

**Variable Name:** Perpop80-Perposr00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	49.10	54.30	53.30
<b>Benton</b>	37.40	44.80	45.20
<b>Carroll</b>	49.80	52.40	53.50
<b>Madison</b>	52.90	62.00	63.70
<b>Washington</b>	38.70	44.80	42.90

**\*Percent living in same residence**

**Figure 2.5: Different Residence 5 Years Ago: Moved From Out of State: 1980-2000**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch2.sav

**Variable Name:** OutState\_80-OutState\_00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	28.20	25.30	46.90
<b>Benton</b>	45.30	41.90	41.50
<b>Carroll</b>	36.90	43.20	40.50
<b>Madison</b>	37.70	32.00	23.50
<b>Washington</b>	31.60	29.90	30.30

**\*Percent moved from out of state/different residence five yrs ago**

**Figure 2.6: Percent of Population Foreign Born: 1980-2000**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch2.sav

**Variable Name:** Perfgrn80-Perfgrn00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	0.98	1.10	2.76
<b>Benton</b>	1.10	1.30	6.42
<b>Carroll</b>	1.30	.80	7.50
<b>Madison</b>	.48	.50	1.76
<b>Washington</b>	1.60	1.60	7.42

**Figure 2.7:** Percent of Households: Other Than English Spoken in the Home 1980-2006  
**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
 American Communities Survey 2006

**Data Set:** Ch2.sav

**Variable Name:** Noeng\_80-Noneng\_00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	0.17	0.90	1.32
<b>Benton</b>	3.30	1.10	3.30
<b>Carroll</b>	5.53	.70	5.53
<b>Madison</b>	1.19	.80	1.19
<b>Washington</b>	3.36	1.07	3.36

**Figure 2.8:** Number of Hispanic 2000

**Source:** United States Census Bureau; Decennial Census 2000

**Data Set:** Ch2.sav

**Variable Name:** PerHis00

	<b>2000</b>
<b>Benton</b>	223358
<b>Carroll</b>	32304
<b>Madison</b>	16365
<b>Washington</b>	200613

## Chapter 3: Income and Poverty

**Figure 3.1: Unemployment Rate in Northwest Arkansas 1980-2006**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch3.sav

**Variable Name:** UnEmp\_80- UnEmp\_06

	1980	1990	2000	2006
<b>Arkansas</b>	6.80	6.90	6.10	6.90
<b>Benton</b>	5.90	3.50	2.10	5.30
<b>Carroll</b>	7.60	5.90	3.40	n/a
<b>Madison</b>	6.40	5.70	1.60	n/a
<b>Washington</b>	4.80	3.50	5.40	3.30

**Figure 3.2: Per Capita Income 1980-2006**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch3.sav

**Variable Name:** CAPINC80-CAPINC06

	1980	1990	2000	2006
<b>Arkansas</b>	7116	10520	16904	19756
<b>Benton</b>	7918	12274	19377	23568
<b>Carroll</b>	6622	10176	16003	n/a
<b>Madison</b>	5734	8548	14736	n/a
<b>Washington</b>	7013	11625	17347	20787

\* In 2006 dollars

**Figure 3.3: Individuals Living in Poverty 1980-2006**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch3.sav

**Variable Name:** IndPov80-IndPov06

	1980	1990	2000	2001	2002	2003	2004	2006
<b>Arkansas</b>	19.00	19.10	15.80	15.90	16.30	16.00	15.60	17.30
<b>Benton</b>	11.10	9.60	10.10	10.00	10.20	10.00	9.50	10.90
<b>Carroll</b>	18.50	15.20	15.50	16.60	16.70	15.40	14.30	n/a
<b>Madison</b>	21.20	20.10	18.60	18.20	18.30	17.00	16.00	n/a
<b>Washington</b>	14.90	14.60	14.60	14.10	14.20	13.80	12.80	15.60

\*Percent of individuals living in poverty

**Figure 3.4: Population Receiving Food Stamps 1980-2006**

**Source:** Arkansas Statistical Abstract 2008

**Data Set:** Ch3.sav

**Variable Name:** FS\_00 – FS\_07

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	391787	402119	433716	457888	490641	544752	558586	553618
<b>Benton</b>	9665	9809	10938	12316	14431	17546	18109	18905
<b>Carroll</b>	2402	2427	2574	2970	3220	3661	3784	3687
<b>Madison</b>	2027	1947	2303	2328	2560	2773	2721	2677
<b>Washington</b>	13613	13932	14870	15994	17820	22579	24084	24429

**\*Number individuals receiving food stamps**

**Figure 3.5: Families Living in Poverty 1980-2006**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch3.sav

**Variable Name:** FamPov80-FamPov06

	1980	1990	2000	2006
<b>Arkansas</b>	40.10	40.82	47.52	45.09
<b>Benton</b>	43.31	48.04	54.29	52.46
<b>Carroll</b>	35.45	38.99	39.87	n/a
<b>Madison</b>	31.01	33.64	39.49	n/a
<b>Washington</b>	43.31	45.44	51.36	50.08

**\*Percent of families**

**Figure 3.6: Median Family Income, Northwest Arkansas**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch3.sav

**Variable Name:** Mfi80-Mfi06

	1980	1990	2000	2006
<b>Arkansas</b>	14,641	25,395	39,592	45,093
<b>Benton</b>	15,760	29,887	45,235	52,466
<b>Carroll</b>	12,915	24,262	33,218	n/a
<b>Madison</b>	11,928	20,929	32,910	n/a
<b>Washington</b>	15,780	28,270	42,795	50,084

**\*In 2006 dollars**

**Figure 3.7: Children Living in Poverty 1980-2006**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch3.sav

**Variable Name:** ChiPov80-ChiPov06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	23.0	25.0	21.4	24.3
<b>Benton</b>	13.1	12.7	13.8	16.4
<b>Carroll</b>	20.1	20.7	20.7	n/a
<b>Madison</b>	22.2	24.4	16.2	n/a
<b>Washington</b>	14.6	15.5	16.5	18.6

**\*Percent of children**

## Chapter 4: Housing and Homelessness

**Figure 4.1:** Housing Units by Type, Northwest Arkansas 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** SingleUnit\_80-SingleUnit\_06

	1980	1990	2000	2006
<b>Arkansas</b>	685,821	709,133	809,373	895,208
<b>Benton</b>	25,660	30,650	47,378	60,843
<b>Carroll</b>	5,959	6,381	8,548	n/a
<b>Madison</b>	4,170	4,037	4,928	n/a
<b>Washington</b>	27,497	30,375	40,584	50,162

**Variable Name:** OtherUnit\_80-OtherUnit\_06

**Frequencies:** Single Family Other: Mobile Home

	1980	1990	2000	2006
<b>Arkansas</b>	73,898	139,601	179,329	170,795
<b>Benton</b>	2,505	4,460	5,919	5,447
<b>Carroll</b>	472	1,392	2,021	n/a
<b>Madison</b>	388	990	1,328	n/a
<b>Washington</b>	3,121	4,882	5,755	6,143

**Variable Name:** AttachedUnit\_80-AttachedUnit\_06

**Frequencies:** Multi-Family Dwelling

	1980	1990	2000	2006
<b>Arkansas</b>	129,474	151,933	184,341	207,430
<b>Benton</b>	3,622	5,408	10,984	14,768
<b>Carroll</b>	811	967	1,259	n/a
<b>Madison</b>	177	155	281	n/a
<b>Washington</b>	7,843	12,092	17,991	23,612

**Variable Name:** Totunits\_80-Totunits\_06

**Frequencies:** Total Housing Units

	1980	1990	2000	2006
<b>Arkansas</b>	889,193	1,000,667	1,173,043	1,273,433
<b>Benton</b>	31,787	41,444	64,281	81,058
<b>Carroll</b>	7,242	8,740	11,828	n/a
<b>Madison</b>	4,735	5,182	6,537	n/a
<b>Washington</b>	38,461	12,092	64,330	79,917



**Figure 4.2:** Home Ownership Percentages in Northwest Arkansas: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** Vacancy\_80-Vacancy\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	8.20	10.90	11.20	13.40
<b>Benton</b>	11.10	9.40	9.40	8.30
<b>Carroll</b>	12.40	13.60	13.90	n/a
<b>Madison</b>	13.70	15.20	16.40	n/a
<b>Washington</b>	6.30	8.40	6.50	8.30

**Variable Name:** Owneroccup\_80-Owneroccup\_06

**Frequencies:** Percent Owner-Occupied Units

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	64.80	69.60	69.40	68.30
<b>Benton</b>	67.60	73.10	72.20	72.30
<b>Carroll</b>	70.20	75.60	73.00	n/a
<b>Madison</b>	70.60	82.10	79.00	n/a
<b>Washington</b>	61.40	61.60	59.50	56.20

**Variable Name:** Rentocc\_80-Rentocc\_06

**Frequencies:** Renter Occupied Units

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	24.50	30.40	30.60	31.70
<b>Benton</b>	21.20	26.90	27.80	27.70
<b>Carroll</b>	17.40	24.40	27.00	n/a
<b>Madison</b>	15.60	17.90	20.90	n/a
<b>Washington</b>	32.20	38.40	40.50	43.80

**Figure 4.3:** Housing Starts in Northwest Arkansas

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch4.sav

**Variable Name:** HouStarts\_80-HouStarts00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	30,539	20,540	35,750
<b>Benton</b>	1,939	1,209	3,175
<b>Carroll</b>	212	200	305
<b>Madison</b>	172	93	187
<b>Washington</b>	1,739	1,230	2,359

**Figure 4.4:** Indicator in the Spotlight: Housing Units Owner Occupied

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch4.sav

**Variable Name:** Owneroccup\_80-Owneroccup\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	64.80	69.60	69.40	68.30
<b>Benton</b>	67.60	73.10	72.20	72.30
<b>Carroll</b>	70.20	75.60	73.00	n/a
<b>Madison</b>	70.60	82.10	79.00	n/a
<b>Washington</b>	61.40	61.60	59.50	56.20

**\*Percent owner occupied**

**Figure 4.7:** Home Foreclosure Filing Rate, August 2008

**Source:** www.realtytrac.com

**Data Set:** Ch4.sav

**Variable Name:** HomFor08

	<b>2008</b>
<b>Benton</b>	37.3
<b>Washington</b>	20.5
<b>Carroll</b>	2.9
<b>Madison</b>	2.4

**\*Per 1,000 Occupied Housing Units**

**Figure 4.8:** Median Rent Northwest Arkansas: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** Medrent\_80-Medrent\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	127	328	453	566
<b>Benton</b>	160	369	528	667
<b>Carroll</b>	121	301	433	n/a
<b>Madison</b>	86	265	358	n/a
<b>Washington</b>	170	352	490	642

**\*In 2006 dollars**

**Figure 4.9:** Median Home Values Northwest Arkansas: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** Mhv\_80-Mhv\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	31,100	46,300	72,800	93,900
<b>Benton</b>	39,000	58,700	94,800	145,400
<b>Carroll</b>	31,700	47,700	83,900	n/a
<b>Madison</b>	24,000	34,800	62,300	n/a
<b>Washington</b>	23,655	56,500	90,100	149,000

\*In 2006 dollars

**Figure 4.10:** Homes Lacking Complete Plumbing Facilities: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** NoPlum\_80-NoPlum\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	46,762	13,030	8,327	5,359
<b>Benton</b>	678	321	635	101
<b>Carroll</b>	443	234	276	n/a
<b>Madison</b>	982	462	516	n/a
<b>Washington</b>	1,156	640	703	448

**Variable Name:** Totunits\_80-Totunits\_06

**Frequencies:** Total Housing Units

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	889,193	1,000,667	1,173,043	1,273,433
<b>Benton</b>	31,787	41,444	64,281	81,058
<b>Carroll</b>	7,242	8,740	11,828	n/a
<b>Madison</b>	4,735	5,182	6,537	n/a
<b>Washington</b>	38,461	12,092	64,330	79,917

\*Calculated as NoPlum/Totunits \* 100 = Percent of housing units lacking complete plumbing facilities

**Figure 4.11:** Homes Lacking Complete Kitchen Facilities: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** NoKitch\_80-NoKitch\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	41,025	?	7,746	7,420
<b>Benton</b>	691	389	662	499
<b>Carroll</b>	408	227	289	n/a
<b>Madison</b>	752	403	472	n/a
<b>Washington</b>	1,010	627	761	1,748

**Variable Name:** Totunits\_80-Totunits\_06

**Frequencies:** Total Housing Units

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	889,193	1,000,667	1,173,043	1,273,433
<b>Benton</b>	31,787	41,444	64,281	81,058
<b>Carroll</b>	7,242	8,740	11,828	n/a
<b>Madison</b>	4,735	5,182	6,537	n/a
<b>Washington</b>	38,461	12,092	64,330	79,917

\*Calculated as NoKitch/Totunits \* 100 = Percent of housing units lacking complete kitchen facilities

**Figure 4.12:** Age of Housing Stock in Northwest Arkansas: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch4.sav

**Variable Name:** Mhv\_80-Mhv\_06

**Benton Co. Percentages**

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>1-10 yrs</b>	45.4	33.3	37.2
<b>11-20</b>	19.2	32.9	19.3
<b>21-30</b>	8.9	14.3	20.9
<b>31+</b>	25.0	19.3	22.4

**Carroll Co. Percentages**

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>1-10 yrs</b>	32.8	28.9	26.6
<b>11-20</b>	16.3	25.1	20.6
<b>21-30</b>	11.4	13.3	19.8
<b>31+</b>	39.3	32.5	32.8

**Madison Co. Percentages**

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>1-10 yrs</b>	29.9	24.7	23.1
<b>11-20</b>	19.4	25.2	17.8
<b>21-30</b>	13.0	13.3	20.0
<b>31+</b>	37.4	32.5	38.9

**Washington Co. Percentages**

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>1-10 yrs</b>	36.7	27.2	32.1
<b>11-20</b>	26.4	28.2	17.9
<b>21-30</b>	13.0	18.4	19.4
<b>31+</b>	23.7	26.0	30.5

**Arkansas Percentages**

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>1-10 yrs</b>	32.9	24.1	22.0
<b>11-20</b>	22.1	27.8	18.0
<b>21-30</b>	15.1	18.0	22.6
<b>31+</b>	29.7	30.0	37.2

## Homelessness

**Figure 4.1:** Count of Homeless Persons and Projections of Inaccessible Homeless Persons, Northwest Arkansas Point-in-Time Survey

**Source:** Fitzpatrick, Kevin M., et al. 2007. Northwest Arkansas Point-in-Time Survey (PIT) of Homeless Persons, January 25-26, 2007

<b>Directly Observed Homeless Persons</b>	<b>308</b>
Adults (18 years and over)	285
Children (13 to 17 years)	23
<b>Homeless Children Not Directly Observed</b>	<b>501</b>
Accompanying directly observed adults	59
Attending schools in Benton and Washington Co.	442
<b>Additional Homeless Persons</b>	<b>361</b>
Utilizing soup kitchens (estimate)	162
Parents of children attending school (estimate)	199
<b>Estimated Total</b>	<b>1,170</b>

**Figure 4.2:** Characteristics of Homeless Families, Northwest Arkansas Point-in-Time Survey

**Source:** Fitzpatrick, Kevin M., et al. 2007. Northwest Arkansas Point-in-Time Survey (PIT) of Homeless Persons, January 25-26, 2007

<b>Family Structure (n=308)</b>		
Two-parents, at least one child	18	5.8%
Single-parent, at least one child	64	20.8%
Couple, no children	16	5.2%
Single individual	206	66.9%
Other	4	1.3%
<b>Spent the Night Most Often, Past 7 Days (n=308)</b>		
Street	37	12.0%
Emergency shelter	108	35.1%
Transitional housing apt./facility	42	13.6%
Hotel/motel	8	2.6%
Treatment facility	49	15.9%
Hospital, jail, other institution	4	1.3%
Own residence	8	2.6%
Residence of relative or friend	52	16.9%

## Chapter 5: Families and Households

**Figure 5.1:** Average Family Size, Northwest Arkansas: 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch5.sav

**Variable Name:** AVGFMS80, AVGFMS90, AVGFMS00, AVGFMS06

	1980	1990	2000	2006
<b>Arkansas</b>	3.21	3.07	2.99	n/a
<b>Benton</b>	3.04	2.93	3.01	3.04
<b>Carroll</b>	2.95	2.92	2.93	n/a
<b>Madison</b>	3.14	3.04	3.03	n/a
<b>Washington</b>	3.11	3.03	3.07	3.02

**Figure 5.2:** Families w/Children: Single Head of Household: 1990-2006

**Source:** United States Census Bureau; Decennial Census 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch5.sav

**Variable Name:** PERSPHCH90, PERSPHCH00, PERSPHCH06

	1990	2000	2006
<b>Arkansas</b>	24.70	29.00	32.60
<b>Benton</b>	17.60	21.30	21.61
<b>Carroll</b>	20.70	26.50	n/a
<b>Madison</b>	14.40	20.10	n/a
<b>Washington</b>	19.90	24.60	27.83

\*Percent of families

**Figure 5.3:** Youth Living in Poverty in Northwest Arkansas 1990-2004

**Source:** Annie E. Casey Foundation

**Data Set:** Ch5.sav

**Variable Name:** PERCHPOV90, PERCHPOV00, PERCHPOV06

	1990	2000	2001	2002	2003	2004
<b>Arkansas</b>	25.30	21.80	23.70	23.30	23.60	22.70
<b>Benton</b>	13.20	14.20	15.30	14.00	13.10	13.40
<b>Carroll</b>	21.10	21.10	26.20	23.70	23.40	21.50
<b>Madison</b>	24.70	25.10	26.10	25.10	25.40	23.90
<b>Washington</b>	16.20	17.10	19.80	18.40	17.90	16.90

\*Percent of children

**Figure 5.4: Families Receiving Transitional Employment Assistance**

**Source:** Arkansas Department of Human Services

**Data Set:** Ch5.sav

**Variable Name:** TEA\_99, TEA\_00, TEA\_01, TEA\_02, TEA\_03, TEA\_04, TEA\_05, TEA\_06, TEA\_07

	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	21899	24202	21126	20412	15098	18326	15792	14712	14674
<b>Benton</b>	317	381	271	209	168	147	139	117	154
<b>Carroll</b>	52	54	45	41	39	39	44	28	38
<b>Madison</b>	51	56	37	34	27	23	25	24	23
<b>Washington</b>	477	543	502	504	492	479	521	444	415

\*Number of families

**Figure 5.5: Number of Child Maltreatment Cases Filed**

**Source:** Annie E. Casey Foundation

**Data Set:** Ch5.sav

**Variable Name:** TOTCHABS90\*, TOTCHABS00, TOTCHABS01, TOTCHABS02, TOTCHABS03, TOTCHABS04, TOTCHABS05, TOTCHABS06, TOTCHABS07

	1990	2000	2001	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	7879	7897	7976	5886	8118	8041	8069	8677	9611
<b>Benton</b>	297	371	436	185	496	496	451	448	545
<b>Carroll</b>	58	54	73	25	73	77	78	80	80
<b>Madison</b>	39	44	28	15	95	51	50	42	66
<b>Washington</b>	364	388	430	443	434	538	661	518	730

\*In the report 1999 is incorrectly reported as the first data point for this variable. The first data point is 1990.

**Figure 5.6: Households: One or More Persons Less Than 18 Years Old 1990-2006**

**Source:** United States Census Bureau; Decennial Census 1990, 2000; American Communities Survey 2006

**Data Set:** Ch5.sav

**Variable Name:** PERU1890, PERU1800, PERU1806

	1990	2000	2006
<b>Arkansas</b>	37.50	35.60	34.40
<b>Benton</b>	34.90	37.10	39.18
<b>Carroll</b>	32.90	32.30	n/a
<b>Madison</b>	37.70	36.90	n/a
<b>Washington</b>	35.80	35.10	35.48

\*Percent of households



**Figure 5.7: Households: One or More Persons Less Than 18 Years Old, 2000**

**Source:** United States Census Bureau; Decennial Census 2000

**Data Set:** Ch5.sav

**Variable Name:** PERU1800

	<b>2000</b>
<b>Arkansas</b>	35.60
<b>Benton</b>	37.10
<b>Carroll</b>	32.30
<b>Madison</b>	36.90
<b>Washington</b>	35.10

**\*Percent of households**

**Figure 5.8: Households: One or More Persons 65 Years or Older**

**Source:** United States Census Bureau; Decennial Census 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch5.sav

**Variable Name:** PERO6590, PERO6500, PERO6506

	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	27.80	23.50	28.90
<b>Benton</b>	30.80	23.70	21.64
<b>Carroll</b>	31.70	25.30	n/a
<b>Madison</b>	27.00	24.90	n/a
<b>Washington</b>	20.90	16.30	17.91

**\*Percent of households**

## Chapter 6: Education

**Figure 6.1:** Children 3-4 Years Old Enrolled in Nursery School

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch6.sav

**Variable Name:** PERNUR\_80, PERNUR\_90, PERNUR\_00

	1980	1990	2000
Arkansas	25.50	47.60	59.40
Benton	23.30	52.60	45.30
Carroll	23.40	59.50	64.30
Madison	13.90	37.70	42.20
Washington	38.50	52.00	50.20

\*Percent of children

**Figure 6.2:** Reading, “Proficient and Above”: 4<sup>th</sup> Graders

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** G4READ\_05, G4READ\_06, G4READ\_07

	2005	2006	2007
Arkansas	52.00	63.00	59.60
Benton	53.86	68.29	63.06
Carroll	53.67	66.73	59.93
Madison	41.00	58.90	48.20
Washington	55.63	64.50	61.38

\*Percent students

**Figure 6.3:** Mathematics, “Proficient and Above”: 4<sup>th</sup> Graders

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** G4MATH\_05, G4MATH\_06, G4MATH\_07

	2005	2006	2007
Arkansas	51.00	62.00	66.20
Benton	48.86	66.20	70.19
Carroll	58.67	63.20	67.37
Madison	44.00	60.10	63.50
Washington	53.38	64.65	67.61

\*Percent students

**Figure 6.4:** Reading, “Proficient and Above”: 8<sup>th</sup> Graders

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** G8LIT 05 mean, G8LIT 06 mean, G8LIT 07 mean

	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	58.00	66.90	64.60
<b>Benton</b>	65.14	76.59	75.59
<b>Carroll</b>	56.00	65.60	58.17
<b>Madison</b>	70.00	76.40	69.50
<b>Washington</b>	65.88	76.88	72.85

**\*Percent students**

**Figure 6.5:** Mathematics, “Proficient and Above”: 8<sup>th</sup> Graders

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** G8MATH 05 mean, G8MATH 06 mean, G8MATH 07\_mean

	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	34.00	44.90	49.10
<b>Benton</b>	42.14	56.93	56.64
<b>Carroll</b>	40.67	52.00	46.13
<b>Madison</b>	55.00	58.60	62.00
<b>Washington</b>	40.75	53.56	60.11

**\*Percent students**

**Figure 6.6:** High School Students Enrolled in AP Courses

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** PERAP 04, PERAP 05, PERAP 06, PERAP 07

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	2.92	3.25	3.62	5.04
<b>Benton</b>	3.10	4.33	4.22	4.25
<b>Carroll</b>	1.44	1.29	3.07	2.18
<b>Madison</b>	2.77	3.12	2.12	2.00
<b>Washington</b>	3.58	3.57	4.11	4.46

**\*Percent students**

**Figure 6.7: Average ACT Composite Score**  
**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** ACT\_04\_mean, ACTCOMP\_05\_mean, ACTCOMP\_06\_mean,  
 ACTCOMP\_07\_mean

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	20.90	20.50	20.90	20.80
<b>Benton</b>	20.49	20.63	21.27	21.04
<b>Carroll</b>	20.27	21.60	21.80	20.97
<b>Madison</b>	20.60	20.80	21.50	21.10
<b>Washington</b>	20.90	21.21	21.47	21.60

**Figure 6.8: Average Score Comparison for: NWA High School Graduating Seniors,  
 Entering NWACC Freshmen and Entering University of Arkansas Freshmen**

**Source:** Arkansas Department of Education; University of Arkansas Office of  
 Institutional Research; Northwest Arkansas Community College Office Fall 2007  
 Factbook

**Data Set:** Ch6.sav

**Variable Name:** ACT\_04\_mean, ACTCOMP\_05\_mean, ACTCOMP\_06\_mean,  
 ACTCOMP\_07\_mean

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Benton</b>	20.49	20.63	21.27	21.04
<b>Carroll</b>	20.27	21.60	21.80	20.97
<b>Madison</b>	20.60	20.80	21.50	21.10
<b>Washington</b>	20.90	21.21	21.47	21.60
<b>NWACC</b>	19.70	19.90	19.80	20.20
<b>University of Arkansas</b>	25.40	25.40	25.50	25.30

**Figure 6.9: Percent of Population 25+: With High School Degree Only**

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000

**Data Set:** Ch6.sav

**Variable Name:** PERHS2580, PERHS2590, PERHS2500

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	33.2	32.7	34.1
<b>Benton</b>	37.0	35.7	32.8
<b>Carroll</b>	35.1	35.2	34.0
<b>Madison</b>	33.1	34.9	38.9
<b>Washington</b>	31.7	30.7	30.5

**Figure 6.10:** Percent of Population 25+: With High School Degree Only, 2000

**Source:** United States Census Bureau; Decennial Census 2000

**Data Set:** Ch6.sav

**Variable Name:** PerPopHS00

	<b>2000</b>
<b>Arkansas</b>	34.1
<b>Benton</b>	32.8
<b>Carroll</b>	34.0
<b>Madison</b>	38.9
<b>Washington</b>	30.5

**Figure 6.11:** Average Graduation Rates

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** GRAD\_04\_mean, GRAD\_05\_mean, GRAD\_06\_mean, GRAD\_07\_mean

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	81.60	81.30	71.00	76.00
<b>Benton</b>	82.93	82.14	79.90	85.77
<b>Carroll</b>	77.10	82.50	76.43	87.50
<b>Madison</b>	83.60	86.33	85.10	89.80
<b>Washington</b>	84.94	81.30	86.01	89.79

**Figure 6.12:** Average Dropout Rates

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** DROP\_04\_mean, DROP\_05\_mean, DROP\_06\_mean, DROP\_07\_mean

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	3.70	3.10	3.20	3.60
<b>Benton</b>	3.61	3.56	3.29	2.91
<b>Carroll</b>	3.70	3.87	4.00	4.53
<b>Madison</b>	2.10	3.10	1.40	2.70
<b>Washington</b>	2.68	2.34	2.69	2.92

**Figure 6.13:** Percent Population 25 yrs. and Over: Less Than HS Degree

**Source:** U.S Census Bureau

**Data Set:** Ch6.sav

**Variable Name:** PERLH2580, PERLH2590, PERLH2500, PERLH2506

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	35.78	33.65	24.69	n/a
<b>Benton</b>	38.40	25.23	19.58	17.79
<b>Carroll</b>	42.90	31.65	28.23	n/a
<b>Madison</b>	52.10	40.42	32.18	n/a
<b>Washington</b>	36.20	26.76	20.49	19.73

**Figure 6.14: Student: Teacher Ratios**

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** STUTEA\_80, STUTEA\_90, STUTEA\_00

	<b>1980</b>	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	19.90	16.15	14.40
<b>Benton</b>	19.60	16.50	15.60
<b>Carroll</b>	19.30	17.00	14.40
<b>Madison</b>	20.40	15.10	16.50
<b>Washington</b>	19.20	17.10	16.30

**Figure 6.15: Average Annual Expenditures per Student**

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** EXPSTU\_80, EXPSTU\_90, EXPSTU\_00, EXPSTU\_04\_mean,  
EXPSTU\_05\_mean, EXPSTU\_06\_mean, EXPSTU\_07\_mean

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	1193.00	2798.00	5531.00	6475.00	7348.00	7795.00	7992.00
<b>Benton</b>	1151.00	2590.00	5329.29	5917.71	6820.43	7041.00	7309.00
<b>Carroll</b>	1133.00	2342.00	5175.00	6297.67	7024.00	7394.33	7664.33
<b>Madison</b>	1127.00	2605.00	5352.33	5782.00	7149.00	7303.38	7506.00
<b>Washington</b>	1218.00	2716.00	4865.00	6100.88	6891.50	7795.00	7833.00

**Figure 6.16: HS Graduates Attending Institutions of Higher Learning**

**Source:** Arkansas Department of Education

**Data Set:** Ch6.sav

**Variable Name:** PERHED\_90, PERHED\_96, PERHED\_98, PERHED\_00,  
PERHED\_02, PERHED\_04, PERHED\_06

	<b>1990</b>	<b>1996</b>	<b>1998</b>	<b>2000</b>	<b>2002</b>	<b>2004</b>	<b>2006</b>
<b>Arkansas</b>	41.4	50.2	56.1	59.4	61.8	61.0	62.3
<b>Benton</b>	36.0	38.4	43.0	129.1	36.7	41.7	46.6
<b>Carroll</b>	41.4	48.3	44.9	46.7	51.8	48.7	43.3
<b>Madison</b>	38.5	39.7	31.4	31.8	32.1	36.4	42.3
<b>Washington</b>	47.2	45.8	46.2	41.8	33.4	46.5	45.2

**\*Percent of high school students**

**Figure 6.17: Satisfaction with Local Schools**

**Source:** Northwest Arkansas Community Survey, 2000; Northwest Arkansas Omnibus Survey, 2008

**Data Set:** omnibus survey 2008.sav

**Variable Name:** Schools

	<b>2000</b>	<b>2008</b>
<b>Superior</b>	29.6	11.5
<b>Excellent</b>	47.7	32.6
<b>Good</b>	16.3	40.5
<b>Fair</b>	4.5	11.5
<b>Poor</b>	1.9	3.9

**Figure 6.18: Total Student Enrollments, 1999-2006**

**Source:** University of Arkansas Office of Institutional Research

**Data Set:** Ch6.doc

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>NWACC</b>	3923	4058	4292	4731	4915	5266	5467	5732
<b>University of Arkansas</b>	15226	15396	15795	16035	16449	17269	17281	17926

\*Data does not represent percent of cohort, rather total enrollment

**Figure 6.19: College Freshmen Graduating Within 6 Years**

**Source:** University of Arkansas Office of Institutional Research

**Data Set:** Ch6.doc

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	34.5	34.7	36.7	38.4	39.0	40.4	42.6	43.5
<b>United States</b>	52.0	53.0	54.0	54.3	54.3	55.3	55.8	56.4
<b>University of Arkansas</b>	51.7	50.3	52.0	52.0	41.9	46.6	51.7	50.3

\*Percent of entering cohort

**Exhibit 6.2: Percent Students Who Have Been Drunk or High At School, Past Year: 2002-2007**

**Source:** Arkansas Department of Human Services: Arkansas Prevention Needs Assessment Survey

**Data Set:** Ch6.sav

**Variable Name:** DRU\_6\_02, DRU\_8\_02, DRU\_10\_10, DRU\_12\_02, DRU\_6\_03, DRU\_8\_03, DRU\_10\_03, DRU\_12\_03, DRU\_6\_04, DRU\_8\_04, DRU\_10\_04, DRU\_12\_04, DRU\_6\_05, DRU\_8\_05, DRU\_10\_05, DRU\_12\_05, DRU\_6\_06, DRU\_8\_06, DRU\_10\_06, DRU\_12\_06, DRU\_6\_07, DRU\_8\_07, DRU\_10\_07, DRU\_12\_07

**6<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
Arkansas	2.50	2.10	2.70	2.40	2.85	2.00
Benton	4.30	3.50	3.20	1.70	2.20	2.20
Carroll	1.80	2.00	4.60	2.70	1.70	1.20
Madison	3.10	1.70	2.40	1.40	4.90	.00
Washington	3.80	1.30	4.20	2.30	1.80	1.50

**8<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
Arkansas	9.50	8.30	9.00	8.90	9.21	8.30
Benton	13.90	11.20	11.50	7.40	9.50	8.40
Carroll	10.40	5.90	9.40	4.20	7.60	12.60
Madison	8.70	14.70	7.10	6.60	9.60	7.90
Washington	14.10	3.60	10.10	11.90	6.50	6.80

**10<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
Arkansas	17.70	16.80	17.40	16.70	18.03	15.00
Benton	29.70	19.30	25.90	12.90	19.70	13.50
Carroll	21.60	8.20	21.80	15.50	19.00	16.60
Madison	20.20	17.70	16.30	27.30	28.40	16.30
Washington	16.40	18.70	19.00	11.90	20.20	13.20

**12<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
Arkansas	21.20	21.10	19.70	19.50	20.74	18.70
Benton	17.80	19.20	25.10	16.40	24.60	18.70
Carroll	20.00	22.10	32.80	23.00	19.70	18.70
Madison	24.40	23.10	22.20	16.80	19.60	15.90
Washington	20.30	23.80	16.90	20.20	23.50	18.10



**Exhibit 6.3: Percent Students Who Have Intentionally Attacked Another to Seriously Hurt Them, Past Year: 2002-2007**

**Source:** Arkansas Department of Human Services: Arkansas Prevention Needs Assessment Survey

**Data Set:** Ch6.sav

**Variable Name:** ATK\_6\_02, ATK\_8\_02, ATK\_10\_10, ATK\_12\_02, ATK\_6\_03, ATK\_8\_03, ATK\_10\_03, ATK\_12\_03, ATK\_6\_04, ATK\_8\_04, ATK\_10\_04, ATK\_12\_04, ATK\_6\_05, ATK\_8\_05, ATK\_10\_05, ATK\_12\_05, ATK\_6\_06, ATK\_8\_06, ATK\_10\_06, ATK\_12\_06, ATK\_6\_07, ATK\_8\_07, ATK\_10\_07, ATK\_12\_07

**6<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	8.40	8.50	11.70	13.20	12.92	13.10
<b>Benton</b>	6.90	9.60	10.30	12.50	11.00	10.80
<b>Carroll</b>	6.50	7.90	13.00	15.80	13.80	10.80
<b>Madison</b>	8.50	2.50	3.30	9.90	13.40	11.40
<b>Washington</b>	8.10	8.70	8.60	9.60	9.30	10.20

**8<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	14.40	13.10	17.10	17.80	17.76	18.10
<b>Benton</b>	12.40	14.90	19.00	16.00	16.80	14.40
<b>Carroll</b>	14.10	12.50	17.50	11.20	16.80	20.40
<b>Madison</b>	10.90	18.60	15.50	13.80	8.40	16.20
<b>Washington</b>	17.00	6.60	14.10	19.50	12.30	13.60

**10<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	13.70	14.00	18.00	18.40	19.11	18.00
<b>Benton</b>	15.70	13.90	20.30	17.60	18.00	14.00
<b>Carroll</b>	12.80	10.10	20.60	12.00	19.60	15.40
<b>Madison</b>	14.10	13.60	11.40	9.10	15.50	15.70
<b>Washington</b>	12.60	13.20	16.10	12.50	17.80	14.30

**12<sup>th</sup> Grade:**

	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	11.40	12.70	15.30	15.90	16.14	14.60
<b>Benton</b>	8.90	10.30	13.40	14.90	12.30	13.50
<b>Carroll</b>	10.80	16.20	7.60	15.10	12.70	14.60
<b>Madison</b>	6.10	10.80	13.60	15.00	9.70	15.00
<b>Washington</b>	8.80	10.60	10.00	13.30	13.60	10.10

**Exhibit 6.4: Percent Students Suspended, Past Year: 2002-2007**

**Source:** Arkansas Department of Human Services: Arkansas Prevention Needs Assessment Survey

**Data Set:** Ch6.sav

**Variable Name:** SUS\_6\_02, SUS\_8\_02, SUS\_10\_10, SUS\_12\_02, SUS\_6\_03, SUS\_8\_03, SUS\_10\_03, SUS\_12\_03, SUS\_6\_04, SUS\_8\_04, SUS\_10\_04, SUS\_12\_04, SUS\_6\_05, SUS\_8\_05, SUS\_10\_05, SUS\_12\_05, SUS\_6\_06, SUS\_8\_06, SUS\_10\_06, SUS\_12\_06, SUS\_6\_07, SUS\_8\_07, SUS\_10\_07, SUS\_12\_07

**6<sup>th</sup> Grade:**

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	8.10	7.70	9.40	10.30	12.92	11.10
<b>Benton</b>	6.80	4.80	8.40	6.40	11.00	7.10
<b>Carroll</b>	3.20	4.60	7.00	7.60	13.80	2.50
<b>Madison</b>	.00	4.20	1.50	3.50	13.40	4.90
<b>Washington</b>	10.10	4.00	6.10	10.10	9.30	7.50

**8<sup>th</sup> Grade:**

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	13.00	12.50	14.70	15.50	17.76	16.60
<b>Benton</b>	6.60	13.30	14.70	10.80	16.80	12.10
<b>Carroll</b>	10.80	5.30	8.70	7.10	16.80	14.30
<b>Madison</b>	8.70	8.50	7.10	5.80	8.40	5.60
<b>Washington</b>	15.10	7.60	15.40	16.70	12.30	16.00

**10<sup>th</sup> Grade:**

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	12.40	11.60	13.50	14.30	19.11	14.80
<b>Benton</b>	14.80	10.80	13.00	11.40	18.00	12.30
<b>Carroll</b>	6.70	6.40	8.50	9.20	19.60	9.00
<b>Madison</b>	13.20	12.10	14.30	13.50	15.50	11.00
<b>Washington</b>	14.40	8.20	13.80	13.30	17.80	11.30

**12<sup>th</sup> Grade:**

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	8.40	8.50	9.90	10.00	16.14	10.60
<b>Benton</b>	3.70	5.10	9.70	8.00	12.30	11.60
<b>Carroll</b>	.00	5.90	7.40	7.40	12.70	10.60
<b>Madison</b>	7.60	1.50	11.80	7.10	9.70	8.00
<b>Washington</b>	8.10	7.20	9.40	12.50	13.60	8.40

## Chapter 7: Health

**Figure 7.1: No Prenatal Care, First Trimester: 2000 and 2003**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** PRENATAL\_00, PRENATAL\_03

	<b>2000</b>	<b>2003</b>
<b>Arkansas</b>	20.30	18.70
<b>Benton</b>	16.50	19.00
<b>Carroll</b>	22.20	24.80
<b>Madison</b>	15.30	20.40
<b>Washington</b>	11.00	16.10

\*Percent of births

**Figure 7.2: Low Birth Weight Births**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** LOWBW\_80, LOWBW\_90, LOWBW\_00, LOWBW\_03

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2003</b>
<b>Arkansas</b>	6.83	8.20	8.48	8.80
<b>Benton</b>	8.57	7.00	7.26	5.44
<b>Carroll</b>	2.51	6.70	4.30	6.35
<b>Madison</b>	5.68	5.20	6.25	8.28
<b>Washington</b>	5.91	8.20	6.58	6.67

\*Percent students

**Figure 7.3: Infant Mortality Rates**

**Source:** Arkansas Statistical Abstract; Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** INFMOR\_80, INFMOR\_90, INFMOR\_00, INFMOR\_03

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2003</b>
<b>Arkansas</b>	12.50	9.30	8.40	8.60
<b>Benton</b>	14.00	11.10	4.40	6.00
<b>Carroll</b>	15.20	n/a	8.10	5.50
<b>Madison</b>	5.70	6.50	18.80	11.80
<b>Washington</b>	11.20	8.30	8.40	7.70

**Figure 7.4: Child Immunizations: 2000 and 2007**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** IMMUIIN\_00, IMMUIIN\_07

	<b>2000</b>	<b>2007</b>
<b>Arkansas</b>	70.34	75.38
<b>Benton</b>	63.50	74.00
<b>Carroll</b>	89.10	75.30
<b>Madison</b>	86.30	78.00
<b>Washington</b>	61.00	53.30

**\*Percent of children properly immunized**

**Figure 7.5: Age Adjusted Heart Disease Mortality**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** Heart\_9092, Heart\_9395, Heart\_9698, Heart\_9901, Heart\_0204

	<b>90-92</b>	<b>93-95</b>	<b>96-98</b>	<b>99-01</b>	<b>02-04</b>
<b>Arkansas</b>	234.00	227.00	207.00	186.00	183.00
<b>Benton</b>	215.00	242.00	215.00	216.00	198.00
<b>Carroll</b>	229.00	181.00	135.00	142.00	117.00
<b>Madison</b>	158.00	128.00	108.00	134.00	134.00
<b>Washington</b>	179.00	149.00	136.00	123.00	155.00

**Figure 7.6: Age Adjusted Cancer Mortality**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** CANCER\_9092, CANCER\_9395, CANCER\_9698, CANCER\_9901, CANCER\_0204

	<b>90-92</b>	<b>93-95</b>	<b>96-98</b>	<b>99-01</b>	<b>02-04</b>
<b>Arkansas</b>	222.00	222.00	214.00	210.00	209.00
<b>Benton</b>	192.00	186.00	186.00	167.00	172.00
<b>Carroll</b>	234.00	184.00	205.00	195.00	188.00
<b>Madison</b>	242.00	199.00	181.00	201.00	189.00
<b>Washington</b>	201.00	194.00	196.00	204.00	200.00

**Figure 7.7: Age Adjusted Stroke Mortality**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** STRK\_9092, STRK\_9395, STRK\_9698, STRK\_9901, STRK\_0204

	<b>90-92</b>	<b>93-95</b>	<b>96-98</b>	<b>99-01</b>	<b>02-04</b>
<b>Arkansas</b>	81.00	82.00	83.00	77.00	70.00
<b>Benton</b>	66.00	57.00	62.00	54.00	46.00
<b>Carroll</b>	72.00	53.00	78.00	69.00	62.00
<b>Madison</b>	52.00	62.00	54.00	60.00	61.00
<b>Washington</b>	55.00	61.00	55.00	56.00	68.00

**Figure 7.8: Age Adjusted COPD Mortality**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** PULM\_9092, PULM\_9395, PULM\_9698, PULM\_9901, PULM\_0204

	<b>90-92</b>	<b>93-95</b>	<b>96-98</b>	<b>99-01</b>	<b>02-04</b>
<b>Arkansas</b>	37.00	42.00	42.00	47.00	49.00
<b>Benton</b>	31.00	33.00	35.00	32.00	31.00
<b>Carroll</b>	26.00	35.00	33.00	36.00	37.00
<b>Madison</b>	26.00	52.00	50.00	60.00	35.00
<b>Washington</b>	48.00	43.00	42.00	41.00	59.00

**Figure 7.9: Age Adjusted Diabetes Mortality**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** DIAB\_9092, DIAB\_9395, DIAB\_9698, DIAB\_9901, DIAB\_0204

	<b>90-92</b>	<b>93-95</b>	<b>96-98</b>	<b>99-01</b>	<b>02-04</b>
<b>Arkansas</b>	20.00	21.00	22.00	25.00	28.00
<b>Benton</b>	13.00	19.00	16.00	12.00	13.00
<b>Carroll</b>	4.00	15.00	19.00	9.00	21.00
<b>Madison</b>	12.00	20.00	13.00	25.00	37.00
<b>Washington</b>	20.00	20.00	23.00	24.00	25.00

**Figure 7.10:** Mortality Rates, Major Cardiovascular Diseases: 1990-2006

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** CarMort90-CarMort06

	1990	1991	1992	1993	1994	1995	1996
<b>Arkansas</b>	45.0	45.4	44.8	46.7	44.2	44.4	43.5
<b>Benton</b>	41.9	42.6	40.2	43.6	41.1	42.5	38.9
<b>Carroll</b>	54.3	54.7	47.0	41.7	39.1	37.3	38.2
<b>Madison</b>	32.6	45.4	36.9	40.7	39.9	39.2	30.4
<b>Washington</b>	28.0	28.4	28.3	29.5	26.0	23.5	24.1

	1997	1998	1999	2000	2001	2002	2003
<b>Arkansas</b>	44.3	43.1	41.8	41.5	41.3	41.2	38.4
<b>Benton</b>	39.2	36.9	36.2	36.3	39.7	34.5	32.7
<b>Carroll</b>	38.1	31.9	44.0	37.5	38.9	33.1	33.3
<b>Madison</b>	47.8	32.5	54.4	37.9	41.9	49.0	39.7
<b>Washington</b>	24.4	23.8	22.3	23.7	24.4	27.3	24.5

	2004	2005	2006
<b>Arkansas</b>	36.8	36.3	35.2
<b>Benton</b>	28.3	27.9	25.2
<b>Carroll</b>	32.9	30.8	33.7
<b>Madison</b>	36.2	35.4	39.8
<b>Washington</b>	25.6	22.3	21.9

**Figure 7.11:** Age Adjusted Death Rate: Cardiovascular Disease (2006)

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** CarAge06

	2006
<b>Arkansas</b>	35.2
<b>Benton</b>	25.2
<b>Carroll</b>	33.7
<b>Madison</b>	39.8
<b>Washington</b>	21.9

**Figure 7.12:** Number of Medical Specialists, by County, by Year

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** MEDSPC\_00, MEDSPC\_01, MEDSPC\_02, MEDSPC\_03, MEDSPC\_04

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>Arkansas</b>	5022	5057	5224	5234	5373
<b>Benton</b>	191	189	189	211	220
<b>Carroll</b>	24	26	26	24	24
<b>Madison</b>	7	8	8	11	10
<b>Washington</b>	374	383	383	400	417

**Figure 7.13:** Number of Nurses, by County, by Year

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** Nurse00-Nurse04

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>Arkansas</b>	39007	37178	39515	41377	42104
<b>Benton</b>	1439	1484	1623	1623	1688
<b>Carroll</b>	263	265	262	269	257
<b>Madison</b>	132	135	130	143	143
<b>Washington</b>	1959	2001	2157	2121	2150

**Figure 7.14:** Adults Without Health Insurance, by Year, by County

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** INS\_04, INS\_05, INS\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	18.60	19.20	20.60
<b>Benton</b>	19.30	18.20	18.40
<b>Carroll</b>	19.40	17.10	21.40
<b>Madison</b>	18.60	19.00	16.70
<b>Washington</b>	19.00	17.40	20.40
<b>United States</b>	14.90	14.50	14.50

**\*Percent of adults**

**Figure 7.15:** Adults Without Personal Doctor, by Year, by County

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** DOC\_04, DOC\_05, DOC\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	18.70	17.10	18.90
<b>Benton</b>	24.20	21.50	19.90
<b>Carroll</b>	20.20	19.30	17.20
<b>Madison</b>	24.60	22.00	17.60
<b>Washington</b>	25.20	21.90	23.60

**\*Percent of adults**

**Figure 7.16:** Quality of Health Care in Northwest Arkansas

**Source:** Northwest Arkansas Community Survey, 2000; Northwest Arkansas Omnibus Survey, 2008

**Data Set:** omnibus survey 2008.sav

**Variable Name:** Health

	<b>2000</b>	<b>2008</b>
<b>Excellent</b>	35.0	28.1
<b>Good</b>	45.7	50.8
<b>Fair</b>	13.9	13.2
<b>Poor</b>	5.3	7.9

**Figure 7.17:** Prevalence of Smoking

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** SMK\_04, SMK\_05, SMK\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	25.60	23.50	23.70
<b>Benton</b>	23.60	21.40	22.50
<b>Carroll</b>	24.80	21.00	24.10
<b>Madison</b>	24.10	22.80	23.10
<b>Washington</b>	23.10	21.50	23.90
<b>United States</b>	20.80	20.60	20.00

**\*Percent of adults**



**Figure 7.18:** Prevalence of Binge Drinking (5+ Drinks, Same Day)

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** BING\_04, BING\_05, BING\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	11.20	10.50	12.40
<b>Benton</b>	9.60	8.90	14.50
<b>Carroll</b>	10.30	6.50	11.20
<b>Madison</b>	9.60	9.40	11.90
<b>Washington</b>	11.80	12.80	16.90
<b>United States</b>	14.90	14.40	n/a

**\*Percent of adults**

**Figure 7.19:** Adults Who Are Overweight

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** OVW\_05, OVW\_06

	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	64.70	63.90
<b>Benton</b>	59.00	59.40
<b>Carroll</b>	65.20	62.50
<b>Madison</b>	59.30	64.00
<b>Washington</b>	58.70	56.00
<b>United States</b>	61.10	63.80

**\*Percent of adults**

**Figure 7.20:** Adults Who Did Not Exercise, Past Month

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** EXC\_04, EXC\_05, EXC\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	26.50	30.60	28.80
<b>Benton</b>	19.30	22.80	24.20
<b>Carroll</b>	22.50	26.80	25.30
<b>Madison</b>	21.40	24.30	24.70
<b>Washington</b>	19.50	22.80	22.30
<b>United States</b>	22.90	23.80	22.80

**\*Percent of adults**

**Figure 7.21: Prevalence Rate Diabetes**

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** DIAB\_04, DIAB\_05, DIAB\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	7.10	8.00	8.10
<b>Benton</b>	4.80	n/a	6.50
<b>Carroll</b>	4.40	6.40	7.20
<b>Madison</b>	4.90	6.20	7.80
<b>Washington</b>	5.20	6.00	5.90
<b>United States</b>	7.10	7.30	7.50

**Figure 7.22: Women 18 & Over: No Pap Smear Past 3 Years**

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** PAP\_04, PAP\_05, PAP\_06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	18.20	20.10	20.10
<b>Benton</b>	19.80	17.50	19.30
<b>Carroll</b>	21.20	16.60	22.60
<b>Madison</b>	19.60	18.00	21.10
<b>Washington</b>	20.40	18.30	20.30

**\*Percent of women**

**Figure 7.23: Percent Adults Age 16 to 64: Receiving HIV Test**

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** HIV04, HIV05, HIV06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	39.9	34.2	31.2
<b>Benton</b>	36.0	33.0	29.8
<b>Carroll</b>	32.8	31.8	25.8
<b>Madison</b>	33.5	32.1	25.7
<b>Washington</b>	36.1	36.9	31.4

**\*1-those who have not received an HIV test**

**Figure 7.24: Women 40 & Over: Mammogram Past 2 Years**

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** MAM\_05, MAM\_06

	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	28.90	30.00
<b>Benton</b>	27.60	37.90
<b>Carroll</b>	32.70	39.20
<b>Madison</b>	29.90	34.00
<b>Washington</b>	26.90	34.50

\*Percent of women

\*Years reported are 2005 and 2006

**Figure 7.25: Suicide Rates: 1999-2005**

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** SUICIDE\_99, SUICIDE\_00, SUICIDE\_01, SUICIDE\_02,  
SUICIDE\_03, SUICIDE\_04, SUICIDE\_05

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Arkansas</b>	13.40	12.80	14.00	13.90	13.60	13.00	14.40
<b>Benton</b>	15.20	12.30	15.00	11.50	12.80	8.90	15.50
<b>Carroll</b>	17.80	27.50	15.50	11.50	7.60	18.80	7.40
<b>Madison</b>	30.00	14.00	20.90	.00	6.90	27.20	13.40
<b>Washington</b>	8.20	13.20	12.30	13.80	10.00	10.90	11.60

**Figure 7.26: Men Experiencing 14 or More Days of Mental Distress**

**Source:** United States Centers for Disease Control

**Data Set:** Ch7.sav

**Variable Name:** MEN\_04, MEN\_05

	<b>2004</b>	<b>2005</b>
<b>Arkansas</b>	11.70	11.50
<b>Benton</b>	7.60	8.50
<b>Carroll</b>	6.00	6.70
<b>Madison</b>	9.20	8.50
<b>Washington</b>	8.60	10.10

\*Percent of men

**Figure 7.27:** Number of Mental Health Workers, by County, by Year

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** MENHEL\_00, MENHEL\_01, MENHEL\_02, MENHEL\_03,  
MENHEL\_04

	2000	2001	2002	2003	2004
<b>Arkansas</b>	1832.00	1766.00	1856.00	1807.00	1890.00
<b>Benton</b>	78.00	81.00	80.00	92.00	89.00
<b>Carroll</b>	9.00	26.00	15.00	13.00	15.00
<b>Madison</b>	7.00	9.00	6.00	5.00	7.00
<b>Washington</b>	271.00	278.00	224.00	274.00	242.00

**Figure 7.28:** Clients Served: Arkansas Mental Health Services

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** CLIENTS\_99, CLIENTS\_00, CLIENTS\_01, CLIENTS\_02,  
CLIENTS\_03, CLIENTS\_04, CLIENTS\_05, CLIENTS\_06, CLIENTS\_07

	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	65088	67771	67772	70686	69990	70275	71946	66545	69228
<b>Benton</b>	1956	2133	1969	2615	2723	2833	2685	3795	4125
<b>Carroll</b>	583	625	540	747	737	762	734	828	854
<b>Madison</b>	213	236	229	305	291	346	351	437	429
<b>Washington</b>	2941	3044	3113	3753	3758	3907	3935	5232	5168

**Figure 7.29:** Clients Served: Arkansas State Hospital

**Source:** Arkansas Department of Health

**Data Set:** Ch7.sav

**Variable Name:** ASH\_99, ASH\_00, ASH\_01, ASH\_02, ASH\_03, ASH\_04, ASH\_05,  
ASH\_06, ASH\_07

	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Arkansas</b>	1337	1199	1087	1227	1288	1094	971	1018	1089
<b>Benton</b>	13	12	7	19	33	21	28	18	24
<b>Carroll</b>	4	7	7	5	6	5	0	1	7
<b>Madison</b>	1	0	0	0	2	0	0	0	0
<b>Washington</b>	30	36	31	25	32	40	36	46	45

## Chapter 8: Public Safety

**Figure 8.1:** Afraid To Walk Alone At Night Near Home

**Source:** Northwest Arkansas Community Survey, 2000; Northwest Arkansas Omnibus Survey, 2008

**Data Set:** omnibus survey 2008.sav

**Variable Name:** Safe

	2000	2008
Yes	28.3	22.1
No	71.7	77.9

**Figure 8.2:** Total Crime Index, 1977-2005

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** CRIMRAT77, CRIMRAT79, CRIMRAT81, CRIMRAT83, CRIMRAT85, CRIMRAT87, CRIMRAT89, CRIMRAT91, CRIMRAT95, CRIMRAT97, CRIMRAT99, CRIMRAT01, CRIMRAT03

	1977	1979	1981	1983	1985	1987	1989
Arkansas	228.8	234.4	239.7	214.4	224.7	245.9	270.4
Benton	244.2	264.2	232.5	265.3	235.7	291.1	316.4
Carroll	230.2	199.8	227.1	245.6	294.7	336.3	346.7
Madison	129.5	123.5	137.9	125.5	129.1	183.5	97.0
Washington	306.4	333.9	421.4	357.1	405.6	449.7	448.8
United States	507.7	556.0	585.0	517.0	522.0	557.0	577.0

	1991	1995	1997	1999	2001	2003	2005
Arkansas	310.9	305.7	313.7	275.9	280.0	224.6	289.8
Benton	357.4	308.1	299.2	254.9	243.7	234.7	308.8
Carroll	323.5	324.2	342.9	260.9	333.6	223.0	244.6
Madison	99.8	129.9	69.2	109.8	206.3	140.6	79.5
Washington	540.5	391.9	450.8	386.1	356.6	385.5	394.0
United States	589.0	527.0	492.0	426.0	416.0	406.0	389.0

**Figure 8.3: Property Crime Rates, 1977-2005**

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** PROPRAT77, PROPRAT79, PROPRAT81, PROPRAT83,  
 PROPRAT85, PROPRAT87, PROPRAT89, PROPRAT91, PROPRAT95,  
 PROPRAT97, PROPRAT99, PROPRAT01, PROPRAT03, PROPRAT03

	1977	1979	1981	1983	1985	1987	1989
<b>Arkansas</b>	204.8	209.6	221.1	197.8	206.2	224.2	245.0
<b>Benton</b>	236.4	254.2	221.8	246.7	265.3	292.4	306.7
<b>Carroll</b>	212.2	193.8	208.6	217.7	218.6	279.6	304.1
<b>Madison</b>	126.6	122.6	124.8	116.0	118.9	179.4	95.4
<b>Washington</b>	289.9	312.2	406.8	338.2	387.9	429.0	427.4
<b>United States</b>	460.0	501.0	525.0	464.0	466.0	496.0	510.0

	1991	1995	1997	1999	2001	2003	2005
<b>Arkansas</b>	281.2	271.3	277.7	245.2	246.1	196.2	256.4
<b>Benton</b>	344.4	299.1	320.1	235.5	275.7	221.4	290.6
<b>Carroll</b>	293.8	291.6	280.8	227.8	226.2	202.9	230.5
<b>Madison</b>	92.1	121.5	66.2	93.2	136.6	109.5	66.0
<b>Washington</b>	518.7	369.2	417.0	349.2	328.5	352.9	354.0
<b>United States</b>	514.0	459.0	431.0	374.0	365.0	359.0	343.0

**Figure 8.4: Violent Crime Rates, 1977-2005**

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** VIOLRAT77, VIOLRAT79, VIOLRAT81, VIOLRAT83,  
 VIOLRAT85, VIOLRAT87, VIOLRAT89, VIOLRAT91, VIOLRAT95,  
 VIOLRAT97, VIOLRAT99, VIOLRAT01, VIOLRAT03, VIOLRAT05

	1977	1979	1981	1983	1985	1987	1989
<b>Arkansas</b>	24.0	24.7	18.5	16.6	18.4	21.7	25.4
<b>Benton</b>	16.4	9.9	14.5	18.9	17.6	20.7	21.3
<b>Carroll</b>	7.7	6.0	13.1	18.6	17.0	11.4	12.2
<b>Madison</b>	2.8	0.8	10.7	9.5	10.1	4.1	1.6
<b>Washington</b>	17.9	21.6	18.4	27.9	29.3	43.8	40.0
<b>United States</b>	47.5	54.8	59.3	53.8	55.8	61.2	66.9

	1991	1995	1997	1999	2001	2003	2005
<b>Arkansas</b>	29.6	34.3	36.0	30.7	33.9	28.3	33.3
<b>Benton</b>	21.7	22.7	22.8	33.1	57.9	31.1	18.1
<b>Carroll</b>	13.0	16.4	18.4	19.4	28.1	20.1	14.1
<b>Madison</b>	7.6	8.4	3.0	16.5	17.4	13.2	13.4
<b>Washington</b>	29.7	25.0	33.7	36.9	69.7	32.6	39.5
<b>United States</b>	75.8	68.4	61.1	52.3	50.4	47.5	46.9

**Figure 8.5: Violent Crimes per 10,000 Residents, 2005**

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** VIOLRAT05

	<b>2005</b>
<b>Arkansas</b>	33.3
<b>Benton</b>	18.1
<b>Carroll</b>	14.1
<b>Madison</b>	13.4
<b>Washington</b>	39.5
<b>United States</b>	46.9

**Figure 8.6: Drug Possession Arrest Rates, 1988-2005**

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** DRGARR88, DRGARR89, DRGARR90, DRGARR91, DRGARR92, DRGARR93, DRGARR94, DRGARR95, DRGARR96, DRGARR97, DRGARR98, DRGARR99, DRGARR00, DRGARR01, DRGARR02, DRGARR03, DRGARR04, DRGARR05

	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>
<b>Arkansas</b>	16.9	18.3	15.4	15.5	17.8	21.4	25.6
<b>Benton</b>	7.5	9.2	8.6	6.5	10.3	12.6	21.5
<b>Carroll</b>	18.3	44.8	30.0	15.9	16.8	9.6	14.0
<b>Madison</b>	16.2	4.9	14.6	19.6	16.0	7.2	16.6
<b>Washington</b>	25.6	32	30.6	21.4	28.4	38.4	34.1

	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
<b>Arkansas</b>	33.1	36.3	38.7	43.9	45.0	38.5	38.6
<b>Benton</b>	21.4	24.7	41.4	31.6	42.2	37.5	35.6
<b>Carroll</b>	31.0	33.0	30.5	29.3	39.7	25.6	23.8
<b>Madison</b>	32.8	30.2	22.5	15.8	23.3	20.3	32.0
<b>Washington</b>	43.6	39.5	43.4	51.2	54.3	50.2	41.5

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Arkansas</b>	37.6	37.0	37.4	40.0
<b>Benton</b>	38.0	48.9	41.8	54.7
<b>Carroll</b>	33.4	24.3	17.2	20.1
<b>Madison</b>	23.5	34.5	19.3	15.5
<b>Washington</b>	36.1	42.1	48.0	60.7

**Figure 8.7:** DUI Arrest Rates, 1988-2005

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** DUIARR88, DUIARR89, DUIARR90, DUIARR91, DUIARR92, DUIARR93, DUIARR94, DUIARR95, DUIARR96, DUIARR97, DUIARR98, DUIARR99, DUIARR00, DUIARR01, DUIARR02, DUIARR03, DUIARR04, DUIARR05

	1988	1989	1990	1991	1992	1993	1994
<b>Arkansas</b>	68.7	74.3	83.4	88.9	85.0	79.7	74.2
<b>Benton</b>	58.4	59.6	75.1	57.0	61.9	59.3	69.9
<b>Carroll</b>	91.0	110.8	123.2	112.1	87.2	89.6	141.1
<b>Madison</b>	75.7	47.7	77.4	127.1	136.6	107.3	132.1
<b>Washington</b>	78.1	99.4	116.9	105.8	102.1	115.3	106.7

	1995	1996	1997	1998	1999	2000	2001
<b>Arkansas</b>	76.2	72.9	71.5	68.1	70.2	67.4	68.4
<b>Benton</b>	88.8	97.3	101.8	124.6	91.4	67.0	70.1
<b>Carroll</b>	100.9	104.9	73.4	78.6	88.7	89.5	72.0
<b>Madison</b>	92.4	97.5	63.2	52.9	27.8	13.3	43.9
<b>Washington</b>	126.2	114.1	118.5	122.3	116.2	95.2	101.4

	2002	2003	2004	2005
<b>Arkansas</b>	61.0	41.3	37.2	36.1
<b>Benton</b>	81.5	64.5	71.7	68.2
<b>Carroll</b>	89.8	53.5	61.6	73.1
<b>Madison</b>	76.1	64.4	37.9	46.5
<b>Washington</b>	96.2	115.6	130.0	109.1

**Figure 8.8:** Percentage of Arrestees Testing Positive for Drugs: Washington County, Arkansas (September 2007)

**Source:** Myrstol (2008). Washington County Arrestee Drug and Alcohol Use Survey

**Data Set:** Ch8.sav

**Variable Name:** ARPOSDRUG

	2007
Marijuana or Hashish	46.7
Methamphetamine	22.2
Cocaine	7.4
Other	1.3



**Figure 8.9:** Arrestees' Average Level of Illicit Drug Use, 12-Month Period Leading Up to Arrest

**Source:** Myrstol (2008). Washington County Arrestee Drug and Alcohol Use Survey

**Data Set:** Ch8.sav

**Variable Name:** ARRUSE

	<b>12</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>6</b>
<b>Alcohol</b>	1.5	1.1	1.5	1.4	1.2	1.2	1.2
<b>Marijuana</b>	1.8	1.7	1.8	1.7	1.7	1.7	1.8
<b>Crack</b>	0.3	0.1	0.1	0.1	0.2	0.2	0.6
<b>Powder</b>	0.4	0.4	0.3	0.3	0.3	0.3	0.3
<b>Methamphetamine</b>	1.4	1.3	1.2	1.3	1.4	1.4	1.5

	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Alcohol</b>	1.3	1.4	1.5	1.4	1.7
<b>Marijuana</b>	1.6	1.4	1.6	1.7	2.1
<b>Crack</b>	0.7	0.4	0.6	1.1	1.0
<b>Powder</b>	0.3	0.2	0.3	0.8	1.0
<b>Methamphetamine</b>	1.5	1.5	1.6	1.7	2.0

**Figure 8.10:** Juvenile Arrest Rates, Part I Offenses 1988-2005

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** JUVARR88, JUVARR89, JUVARR90, JUVARR91, JUVARR92, JUVARR93, JUVARR94, JUVARR95, JUVARR96, JUVARR97, JUVARR98, JUVARR99, JUVARR00, JUVARR01, JUVARR02, JUVARR03, JUVARR04, JUVARR05

	1988	1989	1990	1991	1992	1993	1994
<b>Arkansas</b>	22.2	23.1	25.4	26.1	25.9	26.0	26.2
<b>Benton</b>	23.1	21.1	16.9	21.5	23.6	22.1	23.0
<b>Carroll</b>	29.0	21.0	15.0	24.4	18.9	19.7	28.0
<b>Madison</b>	14.6	6.5	5.1	8.5	4.2	2.4	15.8
<b>Washington</b>	27.3	22.5	23.9	21.4	28.6	25.8	28.0

	1995	1996	1997	1998	1999	2000	2001
<b>Arkansas</b>	25.9	29.6	27.6	23.5	19.9	18.1	15.9
<b>Benton</b>	25.5	27.3	26.9	22.0	15.3	15.4	11.8
<b>Carroll</b>	31.9	54.4	36.0	21.7	29.1	16.9	9.0
<b>Madison</b>	9.9	3.0	3.0	2.2	2.2	1.4	3.4
<b>Washington</b>	34.6	30.2	27.4	37	40.7	20.9	22.9

	2002	2003	2004	2005
<b>Arkansas</b>	13.7	14.1	13.7	13.3
<b>Benton</b>	12.7	11.1	11.8	16.4
<b>Carroll</b>	11.6	6.0	8.6	10.4
<b>Madison</b>	0.0	6.2	1.3	5.3
<b>Washington</b>	23.8	23.6	17.1	16.5

**Figure 8.11:** Police: Citizen Ratios, 1997-2006

**Source:** Federal Bureau of Investigation

**Data Set:** Ch8.sav

**Variable Name:** RATIO97, RATIO98, RATIO99, RATIO00, RATIO01, RATIO02, RATIO03, RATIO04, RATIO05, RATIO06

	1997	1998	1999	2000	2001	2002	2003
<b>Arkansas</b>	16.3	16.8	17.2	17.2	17.5	18.1	17.3
<b>Benton</b>	15.7	14.8	15.1	13.7	14.7	14.5	14.1
<b>Carroll</b>	16.4	17.7	17.6	16.1	14.8	16.7	16.3
<b>Madison</b>	7.8	6.5	6.5	6.8	6.7	6.0	7.6
<b>Washington</b>	17.0	17.2	21.3	17.9	18.9	18.4	18.6
<b>United States</b>	23.8	24.9	25.7	23.8	23.8	23.6	23.6

	2004	2005	2006
<b>Arkansas</b>	19.0	19.7	19.1
<b>Benton</b>	15.4	16.5	16.4
<b>Carroll</b>	15.4	15.6	15.3
<b>Madison</b>	15.1	9.4	9.9
<b>Washington</b>	18.6	19.7	19.6
<b>United States</b>	23.7	24.5	24.1

**Figure 8.12:** Distribution of Northwest Arkansas Fire Departments, 2007

**Source:** United States Fire Administration: National fire Department Census

**Data Set:** ar\_departments.sav

**Variable Name:** Number\_of\_Stations

	2007
<b>Benton</b>	39.6
<b>Carroll</b>	25.0
<b>Madison</b>	18.8
<b>Washington</b>	16.6

**Figure 8.13:** Fire Department Type, by Northwest Arkansas Counties, 2007

**Source:** United States Fire Administration: National fire Department Census

**Data Set:** ar\_departments.sav

**Variable Name:** Dept\_type

	Volunteer	Mostly Volunteer	Mostly Career	Career
<b>Benton</b>	10	4	5	0
<b>Carroll</b>	7	2	0	0
<b>Madison</b>	8	0	0	0
<b>Washington</b>	8	2	0	2

**Table 8.1:** Arrestee Self-Reported Alcohol and Drug Use

**Source:** Myrstol (2008). Washington County Arrestee Drug and Alcohol Use Survey.  
University of Arkansas

**Data Set:** Ch8.sav

**Variable Name:** SRALDRUG

	<b>Ever</b>	<b>Past 12 Months</b>	<b>Past 30 Days</b>	<b>Past 7 Days</b>	<b>Past 3 Days</b>	<b>Age of Onset</b>
<b>Alcohol</b>	83.0	60.8	40.9	n/a	n/a	16.4
<b>Marijuana</b>	75.0	50.6	38.8	32.4	25.9	15.2
<b>Methamphetamine</b>	43.9	27.2	20.0	15.8	12.2	20.1
<b>Powder Cocaine</b>	39.3	14.0	6.1	2.2	1.4	20.3
<b>Rock/Crack Cocaine</b>	32.2	32.2	2.1	0.7	0.0	23.3
<b>Heroin</b>	9.9	2.4	0.0	0.0	0.0	22.6
<b>Other Illicit Drug</b>	29.6	11.5	n/a	n/a	n/a	20.6

## Chapter 9: Aging and the Elderly

**Figure 9.1:** Percent Females Age 65 and Over 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch9.sav

**Variable Name:** FE65\_80, FE65\_90, FE65\_00

	1980	1990	2000
Arkansas	50.8	59.2	57.6
Benton	53.8	55.7	54.6
Carroll	54.1	57.2	57.2
Madison	51.8	52.5	54.8
Washington	57.5	59.3	58.5

**Figure 9.2:** Elderly Persons Living Alone 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch9.sav

**Variable Name:** PerAlone\_80-PerAlone06

	1980	1990	2000	2006
Arkansas	29.23	29.55	29.13	28.27
Benton	22.98	21.62	22.96	21.78
Carroll	29.03	27.59	26.39	n/a
Madison	27.32	27.53	27.78	n/a
Washington	27.71	29.12	29.04	34.72

\*Percent of elderly

**Figure 9.3:** Elderly Persons Employed 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch9.sav

**Variable Name:** PerEmp\_80-PerEmp\_06

	1980	1990	2000	2006
Arkansas	11.00	9.07	11.83	13.33
Benton	10.92	8.28	12.96	17.44
Carroll	11.30	12.30	14.20	n/a
Madison	8.17	7.45	14.16	n/a
Washington	12.31	10.66	14.99	17.12

\*Percent of elderly

**Figure 9.4:** Elderly Persons Living in Poverty 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch9.sav

**Variable Name:** PerPov\_80-PerPov\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	28.23	21.62	13.30	11.68
<b>Benton</b>	15.41	10.30	7.07	5.99
<b>Carroll</b>	24.91	16.32	13.16	n/a
<b>Madison</b>	38.12	25.80	17.19	n/a
<b>Washington</b>	20.03	15.57	9.41	11.58

**\*Percent of elderly**

**Figure 9.5:** Percent Change: Elderly Persons Receiving Food Stamps

**Source:**

**Data Set:** Ch9.sav

**Variable Name:** FDST65\_00-FDST\_07

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Benton</b>	440.00	426.00	407.00	428.00	449.00	485.00	526.00	507.00
<b>Carroll</b>	163.00	164.00	164.00	166.00	171.00	181.00	185.00	166.00
<b>Madison</b>	156.00	149.00	132.00	136.00	139.00	135.00	121.00	122.00
<b>Washington</b>	553.00	522.00	496.00	515.00	519.00	546.00	595.00	579.00

**Figure 9.6:** Population Age 65 and Over 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch9.sav

**Variable Name:** TotPop65\_80-TotPop65\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	295861	349816	374019	388860
<b>Benton</b>	11544	17455	21973	23976
<b>Carroll</b>	2911	3389	4013	n/a
<b>Madison</b>	1603	1907	2048	n/a
<b>Washington</b>	10308	12772	15596	17542

**\*Population count**

**Figure 9.8:** Number of Medicaid Eligible Persons, 2004-2007

**Source:** www.medicaid.org

**Data Set:** Ch9.sav

**Variable Name:** MEDI\_04-MEDI\_07

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	682027	736539	760167	766151
<b>Benton</b>	25149	31400	33287	36688
<b>Carroll</b>	5894	6266	6126	6207
<b>Madison</b>	3598	3898	3929	3932
<b>Washington</b>	28854	34352	38012	40856

**Figure 9.10:** Number of Medicare Enrollees, 2004-2007

**Source:** www.medicare.gov/NHCompare/Include/DataSection

**Data Set:** Ch9.sav

**Variable Name:** MEDC\_04-MEDC07

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Arkansas</b>	364,051	363,259	373,809	379,702
<b>Benton</b>	21,163	22,114	22,845	23,509
<b>Carroll</b>	3,829	4,045	4,183	4,295
<b>Madison</b>	1,959	2,025	2,057	2,110
<b>Washington</b>	14,953	15,951	16,852	17,208

**Figure 9.11:** Elderly with Disabilities, 2000-2006

**Source:** United States Census Bureau; Decennial Census 2000;  
American Communities Survey 2006

**Data Set:** Ch9.sav

**Variable Name:** PerDis\_00-PerDis\_06

	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	46.36	47.98
<b>Benton</b>	36.06	41.65
<b>Carroll</b>	43.31	
<b>Madison</b>	45.36	
<b>Washington</b>	41.22	45.41

\*Percent of elderly

**Figure 9.12:** Number of Certified Nursing Homes, 2008

**Source:** Nursing Home Comparison,

Accessed at: [www.medicare.gov/NHCompare/Include/DataSection](http://www.medicare.gov/NHCompare/Include/DataSection)

**Data Set:** Ch9.sav

**Variable Name:** NURS\_08

	<b>2008</b>
<b>Arkansas</b>	273
<b>Benton</b>	9
<b>Carroll</b>	2
<b>Madison</b>	1
<b>Washington</b>	12

**Figure 9.13:** Number of Certified Nursing Home Beds, 2008

**Source:** Nursing Home Comparison,

Accessed at: [www.medicare.gov/NHCompare/Include/DataSection](http://www.medicare.gov/NHCompare/Include/DataSection)

**Data Set:** Ch9.sav

**Variable Name:** NURSBEDS\_08

	<b>2008</b>
<b>Arkansas</b>	23,316
<b>Benton</b>	931
<b>Carroll</b>	214
<b>Madison</b>	105
<b>Washington</b>	1,167

**Figure 9.14:** Nursing Home Residency Rates, 1990 and 2000

**Source:** United States Census Bureau; Decennial Census 1990, 2000

**Data Set:** Ch9.sav

**Variable Name:** NURSPOP\_90-NURSPOP\_00

	<b>1990</b>	<b>2000</b>
<b>Arkansas</b>	92.78	79.97
<b>Benton</b>	79.39	50.13
<b>Carroll</b>	61.11	63.89
<b>Madison</b>	57.67	58.27
<b>Washington</b>	42.77	75.07



**Figure 9.15:** Percent Population 65 and Over: No Flu Shot Past Year

**Source:** CDC Behavioral Risk Surveillance System, 2004-2005, Arkansas Counties,  
Received from: Cheryl J. LeDoux, Senior Epidemiologist, 501-661-2184,  
Cheryl.ledoux@arkansas.gov

**Data Set:** Ch9.sav

**Variable Name:** FLU 04-FLU 06

	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	31.20	34.80	31.50
<b>Benton</b>	30.30	31.50	35.50
<b>Carroll</b>	32.30	29.00	37.40
<b>Madison</b>	31.40	33.10	34.00
<b>Washington</b>	31.50	32.00	32.60

**Figure 9.16:** Age Adjusted Mortality Rate: Influenza and Pneumonia

**Source:** Arkansas Department of Health, County Profiles, Data and Research, accessed at  
<http://www.healthysarkansas.com/data/data.html>

**Data Set:** Ch9.sav

**Variable Name:** FluPne 9092-FluPne0204

	<b>90-92</b>	<b>93-95</b>	<b>96-98</b>	<b>99-01</b>	<b>02-04</b>
<b>Arkansas</b>	38.00	23.00	34.00	31.00	27.00
<b>Benton</b>	45.00	47.00	68.00	22.00	19.00
<b>Carroll</b>	27.00	41.00	56.00	18.00	44.00
<b>Madison</b>	32.00	31.00	29.00	19.00	19.00
<b>Washington</b>	32.00	26.00	28.00	26.00	21.00

## Chapter 10: Natural Environment

**Figure 10.1:** Daily Water Consumption (Ground and Surface)

**Source:** Arkansas Statistical Abstract, Census State Data Center, 1986, 2000, 2008

**Data Set:** Ch10.sav

**Variable Name:** WATERCON\_80-WATERCON00

	1980	1990	1995	2000
Arkansas	3599	7836	8767	10900
Benton	13	419	336	374
Carroll	3	194	7	5
Madison	4	8	4	2
Washington	14	5	27	28

\*Gallons per day

**Figure 10.2:** Daily Off-stream Water Usage Per Capita, 2000

**Source:** Arkansas Statistical Abstract, Census State Data Center, 2008

**Data Set:** Ch10.sav

**Variable Name:** WATERCAP\_00

	2000
Arkansas	181.17
Benton	119.07
Carroll	318.53
Madison	305.97
Washington	173.54

**Exhibit 10.1:** Annual Toxic Chemical Releases

**Source:** Arkansas Statistical Abstract, Census State Data Center, 2008

**Data Set:** Ch10.sav

**Variable Name:** TOX90, TOX95, TOX00, TOX01, TOX02, TOX03, TOX04, TOX05

	1990	1995	2000	2001	2002	2003	2004	2005
Benton	806,871	544,761	901,342	1,188,297	1,061,274	929,939	1,03,955	859,820
Carroll	31,070	154,185	60,015	54,055	55,475	46,581	68,720	57,595
Madison	30,270	17,970	n/a	19,877	15,883	5,417	6,002	6,480
Washington	803,312	830,490	766,664	558,065	643,007	573,191	528,540	523,132

\*Pounds per year

**Figure 10.3:** Facilities Producing or Releasing Air Pollutants, 2008

**Source:** www.epa.org

**Data Set:** Ch10.sav

**Variable Name:** FacAP08

	2008
Benton	154
Carroll	179
Madison	19
Washington	10

**Figure 10.4:** Facilities Reporting Hazardous Waste Activities, 2008

Source: www.epa.org

Data Set: Ch10.sav

Variable Name: FacHW08

	<b>2008</b>
<b>Benton</b>	250
<b>Carroll</b>	264
<b>Madison</b>	23
<b>Washington</b>	7

**Figure 10.5:** Facilities Issued Permits for Water Discharge, 2008

Source: www.epa.org

Data Set: Ch10.sav

Variable Name: FacWD08

	<b>2008</b>
<b>Benton</b>	151
<b>Carroll</b>	138
<b>Madison</b>	23
<b>Washington</b>	9

**Exhibit 10.2:** Distribution of Land Use Types in Northwest Arkansas Counties, 2006

Source: CAST University of Arkansas

Data Set: Ch10.sav

Variable Name: LANDDIST

<b>Land Use Type (% total acres)</b>	<b>Benton County</b>	<b>Washington County</b>	<b>Carroll County</b>	<b>Madison County</b>
Forrest	45.5	54.9	56.9	72.1
Pasture	34.4	30.0	29.3	20.6
Urban: Low Density	6.7	5.1	2.9	1.2
Urban: High Density	4.0	3.8	0.6	0.2
Transitional/Woody	4.3	5.0	8.0	5.5
All Other	5.1	1.2	2.3	0.4
<b>Total Acreage</b>	<b>566,355</b>	<b>408,088</b>	<b>609,116</b>	<b>535,386</b>

\*Percent of total county

**Figure 10.6** Number of Vehicles Registered in Northwest Arkansas, 1980-2006

Source: Arkansas Statistical Abstract, Census State Data Center, 2008

Data Set: Ch10.sav

Variable Name: REGAUTO 80-REGAUTO06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	1708000	1981000	2606900	2650500	2685500	2742600	2810500	2907700	2994000
<b>Benton</b>	63743	100785	150387	157453	164098	172059	180557	190004	199946
<b>Carroll</b>	13578	18799	27337	28342	28827	29515	30474	31601	32137
<b>Madison</b>	9014	11270	16102	16666	17207	17773	18530	19420	20263
<b>Washington</b>	79219	96824	146404	150970	155613	162041	169690	179628	187383

**Figure 10.7:** Percent of Workers: Travel Time Less Than 30 Minutes 1990-2006

**Source:** United States Census Bureau; Decennial Census 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch10.sav

**Variable Name:** TRVWK29\_90-TRVWK06

	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	75.16	71.49	72.62
<b>Benton</b>	78.22	75.89	72.31
<b>Carroll</b>	76.34	72.55	n/a
<b>Madison</b>	46.48	39.48	n/a
<b>Washington</b>	78.06	75.42	73.17

**Figure 10.8:** Workers Age 16 and Over: Drive to Work Alone 1980-2006

**Source:** United States Census Bureau; Decennial Census 1980, 1990, 2000;  
American Communities Survey 2006

**Data Set:** Ch10.sav

**Variable Name:** PERAL\_80-PERAL\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	68.69	77.34	79.93	80.22
<b>Benton</b>	70.82	78.22	80.74	77.70
<b>Carroll</b>	60.05	69.30	72.62	n/a
<b>Madison</b>	56.39	65.24	69.28	n/a
<b>Washington</b>	68.01	77.70	79.02	76.63

\*Percent of workers

## Chapter 11: Civic Engagement and Arts

**Figure 11.1:** Adult Volunteerism, 2007

**Source:** www.volunteeringinamerica.gov

**Data Set:** Ch11.sav

**Variable Name:** VOL07

	<b>2007</b>
<b>NWA</b>	29.1
<b>Arkansas</b>	25.4
<b>United States</b>	26.2

**\*Percent of adults**

**Figure 11.2:** NWA Residents Age 18 and Over: Registered to Vote

**Source:** Arkansas Statistical Abstract, Census State Data Center, 1986, 2000, 2008

**Data Set:** Ch11.sav

**Variable Name:** REGV\_80-REGV\_06

	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2006</b>
<b>Arkansas</b>	66.60	67.60	78.50	75.30
<b>Benton</b>	57.10	59.50	70.60	65.80
<b>Carroll</b>	75.30	67.20	71.60	
<b>Madison</b>	90.30	88.30	87.70	
<b>Washington</b>	54.10	55.40	67.70	58.80

**\*Percent of residents**

**Figure 11.3:** NWA Residents Who Voted for Governor: 1980-2006

**Source:** Arkansas Statistical Abstract, Census State Data Center, 1986, 2000, 2008

**Data Set:** Ch11.sav

**Variable Name:** VOTEGOV80, VOTEGOV90, VOTEGOV94, VOTEGOV02, VOTEGOV06

	<b>1980</b>	<b>1990</b>	<b>1994</b>	<b>1998</b>	<b>2002</b>	<b>2006</b>
<b>Arkansas</b>	77.90	59.50	59.00	47.60	52.00	48.00
<b>Benton</b>	90.50	61.30	62.30	51.90	56.90	51.10
<b>Carroll</b>	79.50	66.60	62.70	55.70	59.10	58.20
<b>Madison</b>	79.20	53.80	75.60	65.20	60.30	64.60
<b>Washington</b>	85.60	61.90	61.10	51.50	58.20	51.60

**\*Percent of residents**

**Figure 11.4:** Percent of NWA Registered Voters: Voted for President 1980-2004

**Source:** Arkansas Statistical Abstract, Census State Data Center, 1986, 2000, 2008

**Data Set:** Ch11.sav

**Variable Name:** VOTEPRES80, VOTEPRES84, VOTEPRES88, VOTEPRES92, VOTEPRES96, VOTEPRES00, VOTEPRES04

	1980	1984	1988	1992	1996	2000	2004
<b>Arkansas</b>	77.90	71.20	68.80	80.30	63.40	58.90	61.70
<b>Benton</b>	90.80	76.10	78.20	90.80	67.50	67.60	69.90
<b>Carroll</b>	84.30	76.20	77.90	86.70	70.90	69.50	70.10
<b>Madison</b>	74.90	80.50	71.20	77.50	70.00	61.50	74.40
<b>Washington</b>	87.70	76.00	75.30	92.80	62.70	64.90	71.70

**Figure 11.6:** Number of Libraries and Main Branches NWA, 2005

**Source:** Institute of Education Sciences National Center for Education Statistics, Accessed at: <http://nces.ed.gov/surveys/libraries/librarysearch/>

**Data Set:** Ch11.sav

**Variable Name:** TOTLIB

	2005
<b>Benton</b>	3
<b>Carroll</b>	9
<b>Madison</b>	3
<b>Washington</b>	3

**Figure 11.7:** NWA Library Collections, Visits and Circulations, 2005

**Source:** Institute of Education Sciences National Center for Education Statistics, Accessed at: <http://nces.ed.gov/surveys/libraries/librarysearch/>

**Data Set:** Ch11.sav

**Variable Name:** LIBCOL\_05, LIBVIS\_05, LIBCIR\_05

	Total Collections	Total Visits	Total Circulation
<b>Benton</b>	194,905	415,867	71,8347
<b>Carroll/Madison</b>	94,316	135,770	153,363
<b>Washington</b>	440,658	1,186,914	1,699,012

**Figure 11.8:** Arts Organizations in Northwest Arkansas, 1998-2006

**Source:** United States Census Bureau, NAICS Accessed at: <http://censtats.census.gov>

\*Calculated rate per 1,000 establishments

**Data Set:** Ch11.sav

**Variable Name:** ART\_98-ART\_06

	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Arkansas</b>	3.18	3.13	3.07	2.97	3.09	2.30	3.09	3.11	2.94
<b>Benton</b>	2.83	2.61	2.38	2.28	2.88	2.72	2.73	2.78	2.78
<b>Carroll</b>	7.54	7.54	7.55	6.31	7.38	7.26	7.59	7.53	7.04
<b>Madison</b>	1.51	1.51	2.25	2.11	2.07	2.09	1.39	1.36	2.01
<b>Washington</b>	4.04	4.19	3.96	4.12	3.76	4.08	4.13	4.19	2.94

**Figure 11.9:** Self-Employed in the Arts in Northwest Arkansas 2002-2005

**Source:** United States Census Bureau, NAICS Accessed at: <http://censtats.census.gov>

\*Calculated rate per 10,000

**Data Set:** Ch11.sav

**Variable Name:** NON\_02-NON\_06

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>Arkansas</b>	15.81	15.78	16.05	16.99	17.01
<b>Benton</b>	20.02	17.89	18.72	19.38	19.53
<b>Carroll</b>	36.88	36.31	38.32	36.15	41.11
<b>Madison</b>	15.20	17.43	13.93	21.13	17.38
<b>Washington</b>	23.89	26.48	26.81	30.36	26.95