

# ADULT HEALTH AND SAFETY

## Mason County Data Series

### HEALTH PROFESSIONAL SHORTAGE

Federal health professional shortage area (HPSA) designations are used to target several millions of dollars in federal resources to improve access to health care in underserved areas of Washington State. The HPSA is the more commonly used federal shortage area designation. An area can be designated as having a shortage of: 1) primary care physicians (family and general practitioners, pediatricians, obstetricians/gynecologists, and general internists in medical or osteopathic practice), 2) primary dental care, or 3) mental health care. (DS156)

#### Health Professional Shortage Areas, Mason County 2001

	SHORTAGE	WHERE
Primary Care Provider	Yes	Entire County
Dental Care Provider	Yes	Entire County
Mental Health Provider	Yes	Entire County

### LIFESPAN HEALTH ISSUES

The adult pregnancy rate for Mason County was slightly lower than the state rate during the 1996-2000 time period. An average of 644 adult Mason County women were pregnant each year of the 1996-2000 time period. An average of 515 adult Mason County women gave birth each year of the 1997-2001 time period. The adult birth rate for Mason County women was not very different than the state rate. (DS157-158)

#### Pregnancy among Adult Women Age 18 or Over, Mason County 1996-2000

	# 1996	# 2000	# PER YEAR 1996-2000	RATE 1996	RATE 2000	RATE 1996-2000
Mason County	607	672	644	66.9	71.0	69.7
WA State	98,550	102,229	100,106	73.3	73.2	73.1

Rate per 1,000 women.

#### Births among Adult Women Age 18 or Over, Mason County 1997-2001

	# 1997	# 2001	# PER YEAR 1997-2001	RATE 1997	RATE 2001	RATE 1997-2001
Mason County	492	520	515	53.7	55.1	55.2
WA State	75,008	77,146	76,748	55.3	54.9	55.5

Rate per 1,000 women.

#### Deaths among All Adults Age 18 or Over, Mason County 1997-2001

	# 1997	# 2001	# PER YEAR 1997-2001	RATE 1997	RATE 2001	RATE 1997-2001
Mason County	437	513	489	1227.5	1348.1	1324.2
WA State	40,594	43,783	42,466	975.4	983.0	985.5

Rate per 100,000 people.

In 1998, the Office of Community and Rural Health (OCRH) estimates that federal shortage designation helped local clinics, providers, and health jurisdictions qualify for \$35-\$50 million in federal funds. (DS156)

Mason County had the 10<sup>th</sup> highest adult death rate in the state (based on 1997-2001 data). (D159)

Rates can vary slightly from year to year. A rate that is significantly higher is an especially important finding.

Many chronic diseases, such as heart disease, cancer, stroke, and diabetes have been linked to behaviors that can be addressed by individuals (smoking, exercising, positive nutrition practices etc). Deaths that occur among adults age 45-64 are often primarily preventable and therefore could be considered premature deaths. (D160)

The premature death rate for Mason County was 705.4 compared to 533.6 per 100,000 for the state (based on 1997-2001 data for adults age 44-64). (D159)

Mason County had the 3<sup>rd</sup> highest premature adult death rate in the state (based on 1997-2001 data). (D159)

There are 39 counties in the state.

**DOMESTIC VIOLENCE**

Over the 1999-2001 time period, the Mason County domestic violence arrest rate went down. Data for crime offenses give you a feel for the number of domestic violence acts that Mason County law enforcement responded to. (DS162-165)

**Domestic Violence Arrests, Mason County and Washington State 1999-2001**

	# 1999	# 2000	# 2001		RATE 1999	RATE 2000	RATE 2001
Mason County	281	236	151		7.8	6.3	4.1
WA State	*	*	*		7.7	7.4	6.6

\* Number not listed in data source. Rate per 1,000

**Domestic Violence Offenses, Mason County 1999-2001**

	# 1999	# 2000	# 2001
Mason County	497	588	531

**ARRESTS AMONG ADULTS 18 OR OLDER**

The county adult violent crime rate has consistently been higher than the state rate. The county rate for arrests related to alcohol and drug crimes was consistently lower than the state. (DS162)

**Arrests for All Violent Crimes among Adults 18+, Mason County and Washington State 1996-2000**

	# 1996	# 1998	# 2000		RATE 1996	RATE 1998	RATE 2000
Mason County	87	85	92		2.5	2.4	2.5
WA State	*	*	*		1.8	1.8	1.8

\* Number not listed in data source. Rate per 1,000 for all tables presented in this section.

**Arrest for Alcohol Related Crimes among Adults 18+, Mason County and Washington State 1996-2000**

	# 1996	# 1998	# 2000		RATE 1996	RATE 1998	RATE 2000
Mason County	299	296	258		8.7	8.4	7.0
WA State	*	*	*		11.7	11.3	10.4

Alcohol related crimes include driving under the influence, liquor law violations, and drunkenness.

**Arrest for Drug Law Violations among Adults 18+, Mason County and Washington State 1996-2000**

	# 1996	# 1998	# 2000		RATE 1996	RATE 1998	RATE 2000
Mason County	121	131	164		3.5	3.7	4.4
WA State	*	*	*		4.8	5.7	6.1

Drug law violations include all crimes involving sale, manufacturing, and possession of drugs.

An "arrest" is defined as the act of taking a person into custody by authority of law to charge him or her with a criminal offense.

An "offense" is an act (i.e. potential break of the law) that comes to the attention of law enforcement. The number of offenders does not determine the number of offenses.

In 2001, nearly 40% of domestic violence offenses were related to the violation of a protection order. (DS163)

In 2000, 24 domestic violence related offenses involved either aggravated assault, rape or murder with an additional 269 related to a simple assault. (DS163)

Children of battered women are 15 times more likely than children overall to be physically abused and neglected, and girls with violent fathers are much more likely to be sexually abused. Children who witness domestic violence are more likely to view violence as intrinsic to human relationships. (DS161)

Mason County had the 11<sup>th</sup> highest number of clandestine (meth) drug lab cleanup sites in the state over the 1990-2002 time period. A total of 128 labs were found during that time frame. (DS166)

**SUBSTANCE USE RELATED DEATHS**

An average of 13 county residents died from alcohol and drug related causes each year between 1997-2001. The alcohol and drug related death rate for Mason County was “significantly” higher than the state rate during the 1992-1996 and 1997-2001 time period. (DS159)

**Alcohol and Drug Related Deaths among Residents 18+, Mason County and Washington State 1992-2001**

	# 1992-1996	# 1997-2001	RATE 1992-1996	RATE 1997-2001
Mason County	51	65	31.3	35.2
WA State	4,427	5,124	22.5	23.8

Rate per 100,000.

**FOOD AND WATER RELATED ILLNESS**

Between 1997-2001, the Mason County food(borne) and water(borne) illness rate was higher than the state (3.5 compared to 1.5 respectively). However, the rate is based on a small number of reported cases. (DS168)

**Food and Water Related Illness Cases, Mason County and Washington State 1997-2001**

	# 1997-2001	RATE 1997-2001
Mason County	8	3.5
WA State	429	1.5

Rate per 100,000.

Food and water related illnesses include botulism, Campylobacteriosis, E. coli O157:H7, Giardia, Hepatitis A, Listeriosis, Salmonellosis, Shigellosis, and Virbriosis.

**ASTHMA RELATED ILLNESS**

Between 1995-1999, the Mason County asthma hospitalization rate and death rate was higher than the state rate. However, the rates were not significantly different. (DS159, 171)

**Asthma Hospitalizations, Mason County and Washington State 1995-1999**

	# 1995-1999	RATE 1995-1999
Mason County	228	101.8
WA State	26,433	94.4

Rate per 100,000.

**Asthma Deaths, Mason County and Washington State 1995-1999**

	# 1995-1999	RATE 1995-1999
Mason County	10	3.8
WA State	480	1.9

Rate per 100,000.

Mason County had the 4<sup>th</sup> highest alcohol and drug related death rate in the state during 1997-2001. (DS167)

A rate that is described as significantly higher, is one that statistical tests have shown to be of particular interest.

About 1 in 4 Mason County adults currently used tobacco in 2000. (DS167)

Public health measures, which include assuring safe sources of food and water, is credited with adding 25 years to the life expectancy of people in the United States in this century. (DS169)

Mason County had the 3<sup>rd</sup> highest food and water related illness rate in the state during 1997-2001. (DS168)

Mason County children born in 2001, are expected to live to be 76 years old compared to 78 for the state. The county’s life expectancy was the 5<sup>th</sup> lowest when compared to all other counties in the state. (DS170)

There are 39 counties in the state.  
% = Percent  
# = Number or count

Project funded by the Family Policy Council. Questions about the data can be directed to Kim Klint 360.427.9670 x543.

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DS159: "Death Certificate Data". Washington State Department of Health, Center for Health Statistics. Retrieved April 2003. Derived from the VISTA/PHw health assessment system, developed by Public Health - Seattle & King County, Epidemiology, Planning & Evaluation 2003.

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