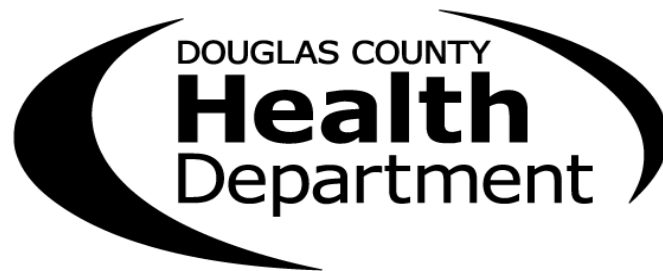


# Environmental Health Indicators

Douglas County, Nebraska

2008 - 2017



Healthy. Vibrant.  
**Everyone. Everywhere.**

Prepared by: Douglas County Health Department

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**Air Quality**

Annual Average Ambient Concentrations of PM 2.5 Level in Micrograms Per Cubic Meter (Monitor Only)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Douglas County	N/A	8.1	9.2	8.9	8.6	11.7	10.6	10.4	8.9	9.3
Nebraska	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DC Source: National Environmental Public Health Tracking Report  
 NE Source: N/A  
 US Source: N/A

Ozone - Day Above Regulatory Standard (Monitor Only)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Douglas County	N/A	0	1	0	1	11	2	2	0	0
Nebraska	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DC Source: National Environmental Public Health Tracking Report  
 NE Source: N/A  
 US Source: N/A

Percent of Days with PM 2.5 - Above Regulatory Standard (Monitor Only)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Douglas County	N/A	0.6%	0.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%
Nebraska	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DC Source: National Environmental Public Health Tracking Report  
 NE Source: N/A  
 US Source: N/A

## Asthma

Asthma Prevalence Among Adults-Percent of Adult Ever Diagnosed with Asthma	2017	2016	2015	2014	2013	2012	2011
Douglas County	12.2%	12.6%	13.6%	12.7%	10.9%	11.4%	11.8%
Nebraska	12.0%	12.4%	12.1%	12.2%	11.2%	10.8%	11.5%
US	14.2%	14.0%	14.3%	13.8%	14.1%	13.3%	13.6%

DC Source: DCHD BRFSS Survey  
NE Source: CDC BRFSS Survey  
US Source: CDC BRFSS Survey

Asthma Prevalence Among Adults-Percent of Adult who Current Have Asthma	2017	2016	2015	2014	2013	2012	2011
Douglas County	8.0%	9.3%	7.5%	7.4%	6.9%	7.6%	7.7%
Nebraska	8.2%	8.3%	7.2%	7.7%	7.3%	7.4%	7.3%
US	9.4%	9.3%	9.2%	8.9%	9.0%	8.9%	9.1%

DC Source: DCHD BRFSS Survey  
NE Source: CDC BRFSS Survey  
US Source: CDC BRFSS Survey

Asthma Prevalence Among Children-Percent of Children Ever Diagnosed with Asthma	2017	2016	2015	2014	2013	2012	2011
Douglas County	11.9%	10.5%	10.0%	10.0%	9.4%	9.2%	9.9%
Nebraska	N/A	N/A	N/A	8.8%	10.4%	9.7%	N/A
US	N/A	N/A	N/A	13.5%	14.0%	13.7%	13.6%

DC Source: DCHD BRFSS  
NE Source: CDC BRFSS  
US Source: CDC BRFSS

**Asthma ---- (Continued)**

Asthma Prevalence among Children-Percent of Children who Current Have Asthma	2017	2016	2015	2014	2013	2012	2011
Douglas County	6.7%	7.3%	6.6%	7.8%	4.9%	6.3%	6.9%
Nebraska	N/A	N/A	N/A	6.1%	6.6%	6.9%	N/A
US	N/A	N/A	N/A	9.2%	9.2%	8.9%	8.7%

DC Source: DCHD BRFS  
 NE Source: CDC BRFS  
 US Source: CDC BRFS

Hospitalizations for Asthma (ICD-9-CM 493)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Per 10,000 population										
Douglas County	3.4	3.1	7.1	7.8	7.0	8.8	9.0	8.6	7.8	8.4
Nebraska	N/A	N/A	N/A	N/A	N/A	N/A	6.6	7.5	7.3	7.5
US	N/A	N/A	N/A	N/A	N/A	N/A	12.3	N/A	14.7	13.5

DC Source: DCHD Hospital Discharge Data\_Inpatient  
 NE Source: State inpatient hospitalization data  
 US Source: State inpatient hospitalization data

Emergency Department Visit for Asthma (ICD-9-CM 493)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Per 10,000 population										
Douglas County	33.2	38.2	41.3	42.5	39.6	43.9	38.0	39.0	44.0	40.1
Nebraska	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DC Source: DCHD Hospital Discharge Data\_Inpatient  
 NE Source: State inpatient hospitalization data  
 US Source: State inpatient hospitalization data

**Cancer**

Age-Adjusted Cancer of the Bladder-Incidence Rate	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 population					
Douglas County	23.1	23.7	23.7	22.3	22.3
Nebraska	20.9	20.9	20.9	19.8	20.0
US	N/A	20.5	20.7	20.8	N/A
DC Source: NE DHHS Cancer Registry NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

Age-adjusted Incidence Rate of Brain and Other Nervous System Cancer	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 population					
Douglas County	N/A	N/A	7.2	7.4	7.3
Nebraska	7.1	7.3	7.3	7.4	7.5
US	N/A	6.6	6.6	6.6	N/A
DC Source: National Environmental Public Health Tracking Network NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

Age-Adjusted Cancer of the Female Breast-Incidence Rate	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 female population					
Douglas County	132.9	132.9	131.5	133.8	132.6
Nebraska	124.1	122.4	120.8	122.7	121.8
US	N/A	123.5	123.4	123.0	N/A
DC Source: NE DHHS Cancer Registry NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

### Cancer ---- (Continued)

Age-adjusted Incidence Rate of Leukemia	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 population					
Douglas County	13.9	14.7	14.1	13.5	13.5
Nebraska	14.1	14.5	14.0	13.2	13.2
US	N/A	13.8	13.5	13.3	N/A
DC Source: NE DHHS Cancer Registry NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

Age-Adjusted Cancer of the Lung and Bronchus- Incidence Rate	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 population					
Douglas County	67.7	69.3	70.5	69.6	72.1
Nebraska	59.0	59.6	59.6	58.9	60.0
US	N/A	61.2	62.5	63.7	N/A
DC Source: NE DHHS Cancer Registry NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

Age-adjusted Incidence Rate of Non-Hodgkin's Lymphoma	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 population					
Douglas County	21.5	21.5	21.1	21.1	22.2
Nebraska	20.3	20.5	20.6	20.1	20.4
US	N/A	19.0	19.1	19.2	N/A
DC Source: NE DHHS Cancer Registry NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

Age-adjusted Incidence Rate of Thyroid Cancers	2011-2015	2010-2014	2009-2013	2008-2012	2007-2011
Rate is per 100,000 population					
Douglas County	N/A	N/A	12.1	11.7	11.3
Nebraska	14.0	13.8	14.0	13.7	13.3
US	N/A	14.3	14.0	13.6	N/A
DC Source: National Environmental Public Health Tracking Network NE Source: NE DHHS Cancer Registry US Source: NE DHHS Cancer Registry					

## Childhood Lead Poisoning

Blood Lead Testing and Housing Age - Percent of Homes before 1950	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Douglas County	22.1%	22.4%	22.1%	23.2%	23.9%	24.3%	23.4%	22.7%	25.1%	22.9%
Nebraska	25.7%	26.2%	26.1%	26.8%	26.5%	28.3%	27.6%	28.3%	28.7%	28.6%
US	15.6%	17.8%	18.1%	18.3%	18.4%	18.7%	19.0%	19.2%	19.8%	20.1%

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

Blood Lead Testing and Housing Age - Percent of Homes Built 1950-1979	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Douglas County	37.0%	37.5%	37.8%	40.0%	39.2%	40.2%	40.5%	42.9%	43.9%	43.2%
Nebraska	36.1%	36.5%	37.3%	38.1%	38.0%	37.7%	38.5%	39.6%	39.4%	40.1%
US	36.0%	36.4%	36.8%	37.3%	37.5%	37.7%	37.8%	38.0%	39.0%	39.3%

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

## Community Design

Types of Transportation to Work										
Percentage of Workers Over 16 Years that Took Car, Truck, Van (Drove Alone)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Means of transportation to work										
Douglas County	82.4%	83.0%	82.6%	84.3%	82.1%	81.7%	83.3%	83.1%	79.6%	81.4%
Nebraska	81.7%	82.0%	82.0%	81.8%	81.5%	80.2%	81.3%	81.4%	80.4%	79.7%
US	76.4%	76.3%	76.6%	76.5%	76.4%	76.3%	76.4%	76.6%	76.1%	75.5%

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey



**Community Design ---- (Continued)**

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Took Car, Truck, Van (Car Pooled)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
	Douglas County	8.7%	8.0%	8.8%	8.4%	9.6%	10.3%	8.7%	10.2%	12.0%	10.7%
Nebraska	9.1%	9.0%	9.0%	9.5%	9.3%	10.0%	9.3%	9.8%	10.2%	10.2%	
US	8.9%	9.0%	9.0%	9.2%	9.4%	9.7%	9.7%	9.7%	10.0%	10.7%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Took Public Transportation (Excluding Taxicabs)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
	Douglas County	1.2%	1.2%	1.4%	1.3%	1.4%	1.2%	13.2%	1.0%	1.3%	1.3%
Nebraska	6.9%	0.6%	0.8%	0.7%	0.8%	0.7%	0.7%	0.6%	0.6%	0.7%	
US	5.0%	5.1%	5.2%	5.2%	5.2%	5.0%	5.0%	4.9%	5.0%	5.0%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Took Motorcycle	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
	Douglas County	0.1%	0.2%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	0.1%	0.3%
Nebraska	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.1%	0.3%	
US	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

**Community Design ---- (Continued)**

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Took Bicycle	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
Douglas County	0.2%	0.4%	0.2%	0.4%	0.2%	0.3%	0.2%	0.1%	0.2%	0.1%	
Nebraska	0.3%	0.6%	0.5%	0.5%	0.5%	0.7%	0.5%	0.4%	0.4%	0.5%	
US	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.6%	0.5%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Walked	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
Douglas County	2.3%	1.6%	2.1%	2.1%	2.2%	2.1%	2.4%	1.7%	2.9%	2.0%	
Nebraska	2.7%	2.5%	2.8%	2.9%	2.7%	2.8%	2.8%	2.8%	3.3%	3.1%	
US	2.7%	2.7%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.9%	2.8%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Worked at Home	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
Douglas County	4.1%	4.6%	3.7%	2.8%	3.8%	3.7%	3.0%	3.2%	3.1%	3.6%	
Nebraska	4.7%	4.4%	3.9%	4.0%	4.4%	4.9%	4.7%	4.3%	4.4%	4.9%	
US	5.2%	5.1%	4.6%	4.5%	4.4%	4.4%	4.3%	4.3%	4.3%	4.1%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

Types of Transportation to Work											
Percentage of Workers Over 16 Years that Took Bus or Trolley Bus	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
Douglas County	1.1%	1.2%	1.4%	1.3%	1.4%	1.2%	1.3%	1.0%	1.3%	1.2%	
Nebraska	0.7%	0.6%	0.7%	0.6%	0.8%	0.7%	0.7%	0.6%	0.6%	0.7%	
US	2.4%	2.5%	2.6%	2.7%	2.7%	2.6%	2.7%	2.6%	2.7%	2.7%	

DC Source: American Community Survey  
 NE Source: American Community Survey  
 US Source: American Community Survey

## Heart Attack

Hospitalizations for Heart Attack (ICD-9 410.00-410.92)	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Per 10,000 population										
Douglas County	13.2	12.7	12.7	16.1	13.2	12.9	14.4	15.8	14.4	15.1
Nebraska	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DC Source: DC Hospital Discharge _ Inpatient										
NE Source: N/A										
US Source: N/A										

## Reproductive and Birth Outcomes

Fertility Rate	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Per 1,000 women of reproductive age										
Douglas County	71.0	75.8	75.2	75.9	73.6	74.9	74.2	74.0	83.2	82.3
Nebraska	69.8	72.2	77.8	73.6	72.2	72.3	72.0	73.0	76.4	76.9
US	60.3	62.0	62.6	62.9	62.5	63.0	63.2	64.1	66.2	68.6
DC Source: DCHD Vital Statistics										
NE Source: CDC National Vital Statistical Report										
US Source: CDC National Vital Statistical Report										

Infant Mortality	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Per 1,000 Live Births										
Douglas County	6.7	7.2	6.6	4.9	7.0	4.2	5.3	6.1	5.3	5.2
Nebraska	N/A	6.2	5.7	5.1	5.3	4.6	5.6	5.2	5.4	5.4
US	N/A	5.9	5.9	5.8	6.0	6.0	6.1	6.1	6.4	6.6
DC Source: DCHD Vital Statistics										
NE Source: NeDHHS Vital Statistics										
US Source: CDC National Vital Statistics Report										