

## Council Request Update

Dec. 15, 2016

**Council Request: 16-238 (Cancer Cluster Study)**

**Assigned to:** HR

**Request:** Request for a cancer cluster study.

**Response:** Please see attached from Benefits and Risk Manager Joan Weber.

# 2016 COUNCIL REQUESTS

Number	Request Date	Request Type	Requested by	Request	Assigned To	Due Date	Follow-up Date	Date Completed
16-190	9/12/2016	I	Barrentine	History of Littleton sewer rates, specifically Roxboro	Utilities	9/17/2016		
16-191	9/12/2016	I	Jefferson	Englewood sewer rates compared to others	Utilities	9/17/2016		9/23/2016
16-192	9/12/2016	I	Olson	Aid from Arapahoe County to Englewood residents	CMO	9/17/2016		
16-193	9/12/2016	I	Jefferson	History and failure of David Taylor Dance Studio an	CMO	9/17/2016		
16-194	9/19/2016	I	Olson	Financial for EURA	CD	9/23/2016		9/22/2016
16-195	9/19/2016	I	Russell	Invite Arapahoe County Assessor to speak re: TIF	CMO	9/23/2016		9/22/2016
16-196	9/19/2016	I	Olson	Total acreage of Englewood Ironworks URA site	CD	9/23/2016		9/22/2016
16-197	9/19/2016	I	Jefferson	Ord language for Historic Preservation Commission	CA	9/27/2016		11/28/2016
16-198	9/19/2016	I	Jefferson	Parking & temporary crossing at 3400 Block Broadw	CD & PW	9/27/2016		9/28/2016
16-199	9/19/2016	I	Martinez	Multi-family development E. Girard and S. Corona	CD	9/22/2016		9/23/2016
16-200	9/20/2016	I	Martinez	Look into 4896 S. Grant St. call for service	PD	9/27/2016		9/26/2016
16-201	10/3/2016	I	Barrentine	Police reports and calls since Jan. 2016 at 4169 S. P	PD	10/6/2016		10/3/2016
16-202	10/3/2016	I	Barrentine	Report on findings from business meeting on 3400	CD	10/6/2016		10/5/2016
16-203	10/3/2016	I	Jefferson	How many people attended the job fair	CD	10/6/2016		10/5/2016
16-204	10/3/2016	I	Jefferson	Email from Cahoots saying they can't fulfill scope	CMO	10/10/2016		10/6/2016
16-205	10/10/2016	I	Barrentine	List of vacant commercial properties/number of bus	CD	10/17/2016		10/12/2016
16-206	10/10/2016	I	Barrentine	Temporary mid-block crossing at 3400 Broadway	PW	10/17/2016		11/7/2016
16-207	10/10/2016	I	Martinez	Current number of apartment units	CD	10/17/2016		10/14/2016
16-208	10/10/2016	I	Barrentine	Addresses of legal, non-conforming ADUs	CD	10/17/2016		10/14/2016
16-209	10/10/2016	I	Jefferson	Requirement of bringing non-conforming ADUs up t	CD	10/17/2016		10/14/2016
16-210	10/10/2016	I	Olson	Martial arts signs at Methodist Church at Dartmout	CD & CA	10/17/2016		10/13/2016
16-211	10/18/2016	I	Olson	Update on development of Englewood Depot	CD	10/24/2016		10/20/2016
16-212	10/18/2016	I	Russell	Average cost of Flood Insurance	PW	10/24/2016		
16-213	10/18/2016	I	Barrentine	What kind of fee increase to accommodate \$10 Mill	FAS	10/24/2016		
16-214	10/18/2016	I	Jefferson	Send a letter to CDM Smith for 2010 Report - He'll si	Utilities	10/24/2016		
16-215	10/18/2016	I	Barrentine	Production of residuals - Where are we at now?	Utilities	10/24/2016		10/21/2016
16-216	10/18/2016	I	Barrentine	Are we in compliance with CDBG regulations?	CD	10/24/2016		10/13/2016
16-217	10/18/2016	I	Russell	Statistics on narcotics arests	PD	10/24/2016		10/19/2016
16-218	10/18/2016	I	Barrentine	Constituent Membership of Arapahoe Co. Narcotics	PD	10/24/2016		10/19/2016
16-219	10/18/2016	I	Barrentine	Commercial Catalyst Grant	CD	10/24/2016		10/20/2016
16-220	10/18/2016	I	Barrentine	Procurement Policy and Process	FAS	10/24/2016		
16-221	10/21/2016	I	Jefferson	Look into dumpster situation at 3555 S. Pennsylvani	PD	10/25/2016		10/25/2016
16-222	10/24/2016	I	Russell	Copy of contract with Transformation Point	CMO	10/27/2016		10/26/2016
16-223	10/24/2016	I	Russell	What % of contract with Cahoots did they complete	CMO	10/27/2016		11/10/2016

**S = Service**  
**I = Information**

CA - City Attorney; CMO - City Manager's Office; CD - Community Development; EEF - Englewood Environmental Foundation  
FAS - Finance and Administrative Services; PRL - Parks, Recreation Library; MC - Municipal Court; PW - Public Works; PD - Police Department; UT-  
Utilities; WW - Wastewater Treatment Plant

Number	Request Date	Request Type	Requested by	Request	Assigned To	Due Date	Follow-up Date	Date Completed
16-224	10/24/2016	I	Russell	Send Council a copy of WWTP presentation from 10	WWTP	10/27/2016		10/24/2016
16-225	11/2/2016	I	Barrentine	Accident reports, traffic complaints, tickets for 5 ye	PD	11/7/2016		11/2/2016
16-226	11/7/2016	I	Barrentine	Materials on ELP including contract	WWTP	11/8/2016		11/8/2016
16227	11/7/2016	I	Barrentine	EEOC update for 2016	HR	11/14/2016		
16-228	11/7/2016	I	Barrentine	Written update on Alison McKenney Brown	CA	11/14/2016		11/16/2016
16-229	11/7/2016	I	Barrentine	Joint meeting in December at WWTP	CMO	11/14/2016		
16-230	11/7/2016	I	Barrentine	Transformation Point contracts, costs, nexus for wh	CMO	11/14/2016		12/5/2016
16-231	11/7/2016	S	Olson	Work with Medici to fine contractors parking in spo	CD/PD	11/14/2016		11/28/2016
16-232	11/7/2016	I	Barrentine	Report on status of Ken Kloewer	CMO	11/14/2016		
16-233	11/7/2016	S	Barrentine	Amend WWTP lighting bid to accept alternatives th	WWTP	11/14/2016		
16-234	11/28/2016	I	Barrentine	Why request from Coween Dickerson for 95 page re	CMO	12/5/2016		12/5/2016
16-235	11/28/2016	I	Barrentine	What is the bidding process and where are we in th	CMO/WWTP	12/5/2016		
16-236	11/28/2016	I	Barrentine	Copy of RFP for underwriters and list of those that s	FAS	12/5/2016		
16-237	11/28/2016	I	Barrentine	Stifel's response to RFP for underwriting	FAS	12/5/2016		
16-238	12/5/2016	I	Barrentine	Cancer Cluster Study	HR	12/12/2016		12/8/2016
16-239	12/5/2016	I	Barrentine	Give Council a copy of the response given to Kathle	City Clerk	12/12/2016		12/8/2016

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Utilities; WW - Wastewater Treatment Plant

TO: Murphy Robinson

From: Joan Weber, Benefits & Risk

Date: 12-8-2016

Murphy,

I'm really not sure what the request from Council Woman Barrentine is asking? "Cluster Data" is an epidemiological study conducted to suggest a "Cluster" of a disease has been noted surrounding an exposure or alleged exposure. I did not request this from CIRSA and I verified with them as to if they do this and they do not. The only information that I previously Provided for Council Request 16-149 was information from the National Cancer Institute regarding State Cancer profiles (see attached) and from Tri County Health Department, their 2013 Arapahoe County Health Profile (see attached).

✓ Joan Weber

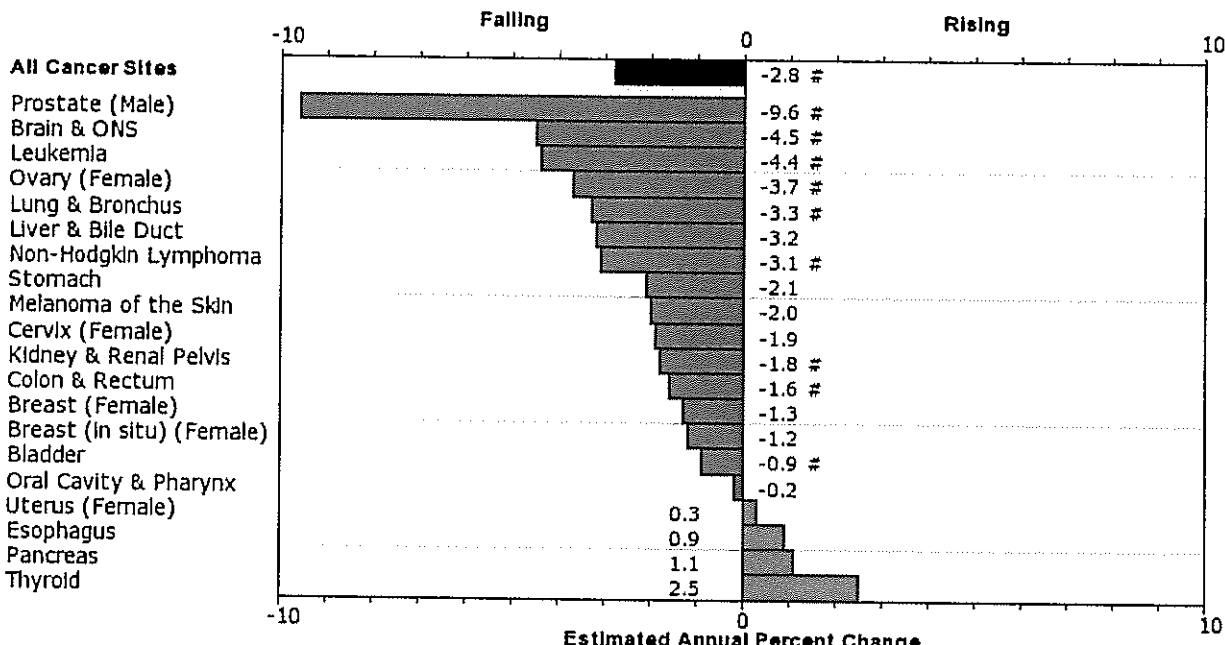
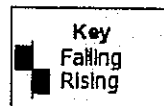


# STATE CANCER PROFILES

<http://statecancerprofiles.cancer.gov/index.html> > 5-Year Rate Changes

## 5-Year Rate Changes

**5-Year Rate Changes - Incidence**  
**Colorado, 2009-2013**  
**All Ages, Both Sexes, All Races (incl Hisp)**



Created by statecancerprofiles.cancer.gov on 08/04/2016 2:18 pm.

Source: Incidence data provided by the National Program of Cancer Registries (NPCR). EAPCs calculated by the National Cancer Institute using SEER\*Stat. Rates are age-adjusted to the 2000 US standard population (19 age groups: <1, 1-4, 5-9, ..., 80-84, 85+). Rates are for invasive cancer only (except for bladder cancer which is invasive and in situ) or unless otherwise specified. Population counts for denominators are based on Census populations as modified by NCI. The 1969-2014 US Population Data File is used with NPCR November 2015 data. Please note that the data comes from different sources. Due to different years of data availability, most of the trends are AAPCs based on APCs but some are EAPCs calculated in SEER\*Stat. Please refer to the source for each graph for additional information.

\* - The annual percent change is significantly different from zero (p < 0.05).

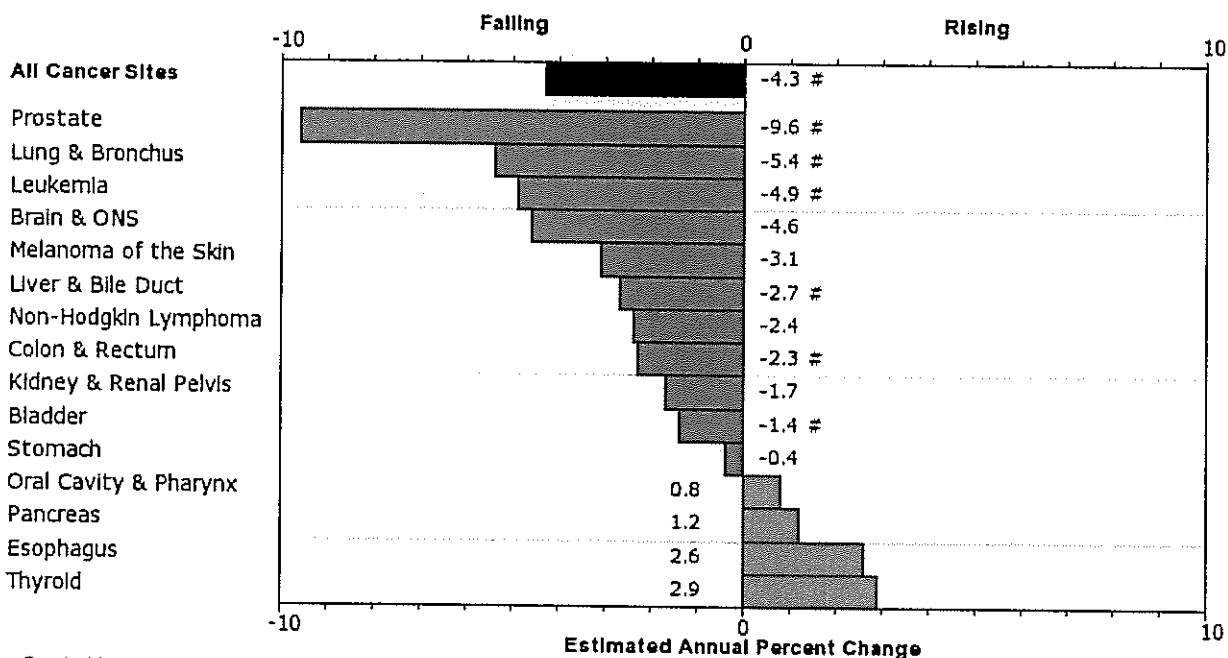
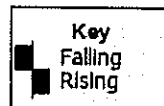


# STATE CANCER PROFILES

<http://statecancerprofiles.cancer.gov/index.html> > 5-Year Rate Changes

## 5-Year Rate Changes

**5-Year Rate Changes - Incidence**  
**Colorado, 2009-2013**  
**All Ages, Males, All Races (Incl Hisp)**



Created by statecancerprofiles.cancer.gov on 08/04/2016 2:19 pm.

Source: Incidence data provided by the National Program of Cancer Registries (NPCR). EAPCs calculated by the National Cancer Institute using SEER\*Stat. Rates are age-adjusted to the 2000 US standard population (19 age groups: <1, 1-4, 5-9, ..., 80-84, 85+). Rates are for invasive cancer only (except for bladder cancer which is invasive and in situ) or unless otherwise specified. Population counts for denominators are based on Census populations as modified by NCI. The 1969-2014 US Population Data File is used with NPCR November 2015 data. Please note that the data comes from different sources. Due to different years of data availability, most of the trends are AAPCs based on APCs but some are EAPCs calculated in SEER\*Stat. Please refer to the source for each graph for additional information.

# - The annual percent change is significantly different from zero (p<0.05).

**Table 2. Estimated Number\* of New Cases for Selected Cancers by State, US, 2016**

State	All sites	Female breast	Uterine cervix	Colon & rectum	Uterine corpus	Leukemia	Lung & bronchus	Melanoma of the skin	Non-Hodgkin lymphoma	Prostate	Urinary bladder
Alabama	27,020	3,960	220	2,190	710	900	4,220	1,390	1,030	2,950	1,110
Alaska	3,330	500	†	270	110	120	440	100	140	330	150
Arizona	32,510	4,900	230	2,550	1,060	1,160	3,980	1,510	1,300	3,150	1,630
Arkansas	16,460	2,090	150	1,410	470	510	2,610	340	670	1,670	700
California	173,200	26,730	1,460	13,770	6,120	6,370	18,140	8,560	7,760	17,240	7,580
Colorado	24,730	4,110	180	1,790	860	1,020	2,520	1,460	1,110	3,060	1,080
Connecticut	21,700	3,290	120	1,610	880	790	2,770	680	920	2,460	1,130
Delaware	5,630	800	†	430	190	180	850	320	220	690	260
Dist. of Columbia	2,910	470	†	200	100	80	300	110	110	460	90
Florida	121,240	16,770	1,050	9,710	3,940	3,930	17,360	6,200	5,370	13,310	5,940
Georgia	48,670	7,160	430	3,980	1,450	1,490	6,670	2,540	1,830	5,570	1,830
Hawaii	6,850	1,130	60	650	280	220	740	410	300	610	250
Idaho	8,120	1,110	50	610	280	360	990	490	370	1,010	430
Illinois	65,090	10,160	550	5,580	2,690	2,370	8,820	2,500	2,860	7,250	3,040
Indiana	35,180	4,980	290	2,980	1,310	1,190	5,520	1,460	1,500	3,510	1,620
Iowa	17,100	2,310	110	1,500	700	730	2,420	1,000	790	1,670	840
Kansas	14,530	2,210	110	1,150	560	540	1,970	820	640	1,510	650
Kentucky	25,720	3,470	200	2,200	810	980	4,960	1,450	1,080	2,460	1,120
Louisiana	25,070	3,400	220	2,170	620	710	3,730	620	1,090	2,950	940
Maine	9,270	1,310	50	720	380	380	1,410	340	400	960	570
Maryland	30,990	4,880	230	2,390	1,170	1,000	4,100	1,590	1,230	3,840	1,330
Massachusetts	37,620	6,010	210	2,750	1,560	1,340	4,910	1,380	1,720	4,350	2,030
Michigan	56,530	8,150	380	4,570	2,290	1,890	8,440	2,560	2,520	6,000	3,000
Minnesota	29,130	4,300	140	2,180	1,070	1,280	3,660	1,220	1,370	2,930	1,300
Mississippi	16,680	2,330	150	1,530	430	520	2,550	490	570	1,770	600
Missouri	34,270	5,030	250	2,850	1,250	1,220	5,450	1,610	1,440	3,260	1,550
Montana	6,070	890	†	460	210	270	750	350	270	770	330
Nebraska	9,740	1,480	60	850	380	390	1,220	470	440	960	460
Nevada	14,390	2,010	110	1,140	390	520	1,700	440	550	1,320	670
New Hampshire	8,680	1,280	†	620	350	290	1,140	290	350	910	490
New Jersey	49,750	7,420	370	4,020	2,050	1,870	5,580	2,470	2,430	5,970	2,460
New Mexico	9,750	1,480	80	760	330	380	1,020	450	410	1,020	390
New York	110,280	16,360	790	8,730	4,360	4,490	13,200	4,250	4,860	12,010	5,220
North Carolina	54,450	7,830	400	4,280	1,780	1,870	7,870	2,850	2,210	5,990	2,280
North Dakota	3,930	530	†	310	130	150	480	190	160	400	180
Ohio	66,020	9,390	470	5,340	2,640	2,140	10,550	2,880	2,820	6,760	3,180
Oklahoma	19,650	2,760	180	1,630	590	720	3,150	570	860	2,080	840
Oregon	22,510	3,430	150	1,610	850	750	2,970	1,530	980	2,490	1,130
Pennsylvania	83,560	11,310	540	6,390	3,290	3,020	10,500	3,750	3,540	8,350	4,260
Rhode Island	6,190	940	†	490	250	210	890	210	260	640	350
South Carolina	27,980	4,010	210	2,220	860	920	4,280	1,540	1,080	3,190	1,210
South Dakota	4,690	680	†	390	170	180	590	210	210	470	230
Tennessee	37,650	5,420	300	3,130	1,100	1,350	6,010	1,850	1,510	3,370	1,590
Texas	116,690	16,800	1,330	9,680	3,700	4,210	14,620	2,920	5,120	13,210	4,150
Utah	11,030	1,420	70	720	400	470	890	840	510	1,310	430
Vermont	4,050	580	†	280	160	140	510	180	170	450	220
Virginia	43,190	6,620	300	3,240	1,490	1,310	5,690	2,340	1,660	4,820	1,910
Washington	37,770	5,820	230	2,700	1,390	1,490	4,670	2,440	1,750	4,430	1,830
West Virginia	11,770	1,490	90	1,010	450	410	2,020	640	490	1,030	600
Wisconsin	32,970	4,730	200	2,520	1,310	1,260	4,230	1,350	1,490	3,570	1,630
Wyoming	2,920	420	†	220	100	110	310	180	120	380	160
United States	1,685,210	246,660	12,990	134,490	60,050	60,140	224,390	76,380	72,580	180,890	76,960

\*Rounded to nearest 10. Excludes basal cell and squamous cell skin cancers and in situ carcinomas except urinary bladder. †Estimate is fewer than 50 cases. These estimates are offered as a rough guide and should be interpreted with caution. State estimates may not sum to US total due to rounding and exclusion of state estimates fewer than 50 cases.

Please note: Estimated cases for additional cancer sites by state can be found in Supplemental Data at [cancer.org/statistics](http://cancer.org/statistics).

**Table 3. Estimated Number\* of Deaths for Selected Cancers by State, US, 2016**

State	All sites	Brain/ nervous system	Female breast	Colon & rectum	Leukemia	Liver†	Lung & bronchus	Non- Hodgkin lymphoma	Ovary	Pancreas	Prostate
Alabama	10,650	300	670	920	430	420	3,260	340	260	690	470
Alaska	1,070	†	70	90	†	50	290	†	†	70	†
Arizona	11,800	360	780	980	510	590	2,830	410	310	900	590
Arkansas	6,830	170	430	600	260	260	2,190	210	150	420	270
California	59,060	1,760	4,400	5,180	2,560	3,600	12,230	2,140	1,530	4,390	3,050
Colorado	7,760	270	560	650	330	370	1,690	260	240	560	430
Connecticut	6,780	190	450	450	310	300	1,690	220	170	540	320
Delaware	2,050	50	130	150	80	100	600	60	50	140	90
Dist. of Columbia	980	†	90	90	†	80	210	†	†	90	70
Florida	43,600	1,080	2,880	3,500	1,770	1,870	11,960	1,480	940	3,080	1,970
Georgia	16,840	460	1,260	1,500	620	730	4,700	490	420	1,090	730
Hawaii	2,480	†	130	230	90	150	570	100	50	230	100
Idaho	2,810	90	180	220	120	110	670	100	70	210	160
Illinois	24,080	600	1,660	2,030	1,010	930	6,540	800	570	1,640	1,020
Indiana	13,510	350	860	1,070	570	460	4,020	440	300	860	520
Iowa	6,470	190	380	570	260	230	1,770	250	160	430	280
Kansas	5,540	180	360	460	260	210	1,540	200	130	390	220
Kentucky	10,350	250	600	830	390	360	3,570	330	200	610	340
Louisiana	9,110	220	630	790	330	470	2,620	280	180	650	360
Maine	3,320	90	170	230	140	120	970	120	60	230	130
Maryland	10,560	270	820	850	390	510	2,670	310	260	800	480
Massachusetts	12,630	330	770	890	520	630	3,380	390	330	930	530
Michigan	21,100	610	1,410	1,640	850	800	6,030	780	480	1,520	790
Minnesota	9,850	280	610	750	480	410	2,430	500	240	660	470
Mississippi	6,480	150	420	630	240	280	1,930	170	110	440	280
Missouri	12,970	320	880	1,050	520	550	3,950	370	250	860	470
Montana	2,020	60	130	170	80	70	520	70	60	130	120
Nebraska	3,500	110	210	330	150	130	890	130	70	240	180
Nevada	4,970	150	380	480	180	210	1,390	160	110	360	240
New Hampshire	2,770	80	170	190	110	90	770	80	60	210	130
New Jersey	16,150	400	1,280	1,450	640	670	3,830	510	440	1,260	680
New Mexico	3,690	100	260	350	150	210	790	130	110	240	200
New York	34,910	880	2,410	2,830	1,460	1,650	8,770	1,200	920	2,660	1,550
North Carolina	19,620	600	1,360	1,480	750	830	5,820	610	450	1,240	820
North Dakota	1,270	†	80	120	50	†	330	†	†	90	60
Ohio	25,510	630	1,700	2,060	1,000	1,020	7,420	850	570	1,800	1,060
Oklahoma	8,260	220	530	690	340	330	2,470	280	190	500	340
Oregon	8,150	240	500	660	340	430	2,100	280	220	570	410
Pennsylvania	28,700	680	1,940	2,340	1,240	1,140	7,530	1,030	700	2,090	1,190
Rhode Island	2,090	50	120	160	90	100	580	60	†	120	90
South Carolina	10,330	250	690	830	360	420	3,010	310	240	730	450
South Dakota	1,640	50	110	130	70	60	460	50	†	110	80
Tennessee	14,560	360	900	1,230	550	630	4,610	450	300	870	540
Texas	39,450	1,050	2,780	3,520	1,660	2,470	9,620	1,320	950	2,650	1,520
Utah	2,970	120	270	240	140	130	460	120	90	250	200
Vermont	1,390	50	70	100	50	60	390	†	†	100	70
Virginia	14,910	390	1,080	1,160	580	640	4,080	490	390	1,050	630
Washington	12,770	410	820	970	510	660	3,170	440	350	920	630
West Virginia	4,750	120	270	400	180	140	1,460	170	90	270	160
Wisconsin	11,630	350	710	840	540	420	3,060	460	300	840	550
Wyoming	1,000	†	70	90	50	†	230	†	†	70	†
United States	595,690	16,050	40,450	49,190	24,400	27,170	158,080	20,150	14,240	41,780	26,120

\*Rounded to nearest 10. †Estimate is fewer than 50 deaths. ‡Liver includes intrahepatic bile duct. These estimates are offered as a rough guide and should be interpreted with caution. State estimates may not sum to US total due to rounding and exclusion of state estimates fewer than 50 deaths.

**Please note:** Estimated deaths for additional cancer sites by state can be found in Supplemental Data at [cancer.org/statistics](http://cancer.org/statistics).

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**Table 4. Incidence Rates\* for Selected Cancers by State, US, 2008-2012**

State	All sites		Breast	Colon & rectum		Lung & bronchus		Non-Hodgkin lymphoma		Prostate	Urinary bladder	
	Male	Female	Female	Male	Female	Male	Female	Male	Female	Male	Male	Female
Alabama	560.8	398.0	119.5	54.2	38.2	99.2	54.2	19.6	13.7	146.1	33.6	7.5
Alaska	479.3	419.2	125.5	50.5	40.6	74.4	59.9	20.5	14.7	111.8	36.5	10.8
Arizona	420.4	373.9	111.0	40.5	30.9	59.2	47.0	18.3	13.3	89.8	31.9	8.3
Arkansas†‡	550.2	383.7	107.7	54.3	39.4	103.6	59.9	21.5	15.5	148.1	32.9	7.7
California	485.6	394.8	122.1	46.0	35.1	55.8	42.1	22.8	15.5	126.9	32.6	7.8
Colorado	473.7	396.5	125.2	40.0	31.6	52.8	43.3	22.1	15.5	133.2	32.5	8.3
Connecticut	554.4	456.9	137.1	48.2	36.5	72.6	57.6	25.4	17.7	139.9	47.3	12.6
Delaware	578.7	446.3	126.5	45.6	34.9	83.7	63.3	23.4	17.0	156.3	42.3	11.2
Dist. of Columbia	564.1	436.0	141.7	48.6	40.9	74.5	48.7	21.5	12.8	184.1	25.6	8.9
Florida	502.1	400.2	115.2	45.0	34.2	75.8	55.5	21.7	14.9	118.9	34.9	8.4
Georgia	554.5	409.0	123.5	49.6	36.7	89.0	54.1	22.3	14.6	150.1	34.0	8.0
Hawaii	466.5	403.9	130.2	55.1	37.2	59.5	38.4	21.8	14.7	105.0	24.1	6.1
Idaho	510.4	410.9	118.9	42.8	33.8	59.1	47.4	22.1	16.7	142.7	39.2	8.9
Illinois	546.2	439.8	127.7	55.2	40.3	82.8	59.9	23.5	16.5	138.9	38.6	9.7
Indiana	513.0	425.1	119.0	51.0	40.2	93.2	61.9	23.5	16.5	108.9	36.4	8.9
Iowa	545.6	439.4	123.0	54.2	41.1	81.7	53.6	27.4	18.6	126.2	40.4	8.8
Kansas	541.9	427.3	123.2	50.5	37.8	75.5	53.4	23.4	16.7	143.1	39.1	9.1
Kentucky	598.2	466.6	121.3	60.5	44.1	120.4	80.7	25.4	17.3	122.6	40.8	9.8
Louisiana	595.5	417.9	121.9	59.6	42.7	95.2	56.0	24.6	16.7	161.1	33.7	8.1
Maine	546.3	452.8	124.4	46.5	36.7	85.8	66.9	24.6	17.7	120.2	47.8	12.5
Maryland	512.0	419.5	129.9	44.3	34.6	70.0	53.9	21.0	14.9	141.1	34.5	9.1
Massachusetts	539.2	458.6	136.5	45.7	36.0	75.4	62.9	24.0	16.4	135.6	42.2	11.8
Michigan	544.8	428.6	121.4	46.8	35.9	81.4	59.9	24.5	17.1	147.3	40.3	10.4
Minnesota†§	—	—	—	—	—	—	—	—	—	—	—	—
Mississippi	577.5	406.0	116.8	59.4	43.4	106.4	56.9	21.4	14.6	149.7	30.9	7.5
Missouri	511.4	427.0	124.7	51.7	38.7	92.1	64.4	22.2	15.6	113.6	33.5	8.6
Montana	508.4	424.5	124.2	46.6	36.3	66.0	52.8	22.3	15.9	133.5	37.8	10.4
Nebraska	501.8	417.2	122.7	52.0	41.1	70.7	50.0	23.4	17.7	125.7	34.8	8.2
Nevada†¶	502.2	401.8	114.0	50.5	36.3	71.4	60.3	20.3	14.8	136.0	38.8	10.7
New Hampshire	558.1	458.4	135.1	43.1	36.3	75.7	63.8	25.8	17.8	140.7	50.2	12.9
New Jersey	564.7	450.5	130.2	51.0	39.4	69.3	53.7	25.4	17.9	157.3	42.1	11.3
New Mexico	431.2	367.2	112.1	41.2	31.3	49.7	37.4	18.0	13.8	110.4	26.1	6.0
New York	568.6	451.2	128.6	49.6	38.1	73.9	55.3	26.4	18.1	153.7	41.8	10.6
North Carolina	546.6	417.9	127.1	46.3	34.3	92.3	56.1	22.2	15.2	138.7	36.7	8.9
North Dakota	517.1	411.5	122.2	54.7	40.5	68.3	45.4	22.8	18.5	141.4	37.3	8.5
Ohio	522.1	421.7	120.5	50.3	37.3	87.5	59.8	22.8	15.6	127.1	38.5	9.4
Oklahoma	520.1	411.8	119.2	50.3	38.8	90.1	60.2	21.9	15.4	128.8	33.6	8.1
Oregon	489.5	427.9	128.4	43.3	34.0	66.9	56.6	22.5	15.6	122.8	37.4	9.5
Pennsylvania	559.2	458.3	128.1	52.6	39.7	81.3	56.8	26.1	17.9	133.6	44.2	10.9
Rhode Island	544.3	456.4	129.9	44.8	36.2	79.9	64.0	24.1	17.7	130.6	46.8	13.7
South Carolina	538.7	408.6	125.3	46.8	35.9	90.6	54.0	20.0	13.5	138.1	33.1	8.6
South Dakota	495.0	416.7	125.9	53.2	40.0	68.6	49.2	23.7	16.7	129.3	34.4	9.3
Tennessee	552.7	420.1	120.6	50.3	37.7	98.9	61.7	22.2	15.8	135.5	35.5	8.1
Texas	488.5	384.4	113.1	48.4	33.5	73.0	46.7	21.8	15.4	115.7	28.2	6.6
Utah	480.6	368.0	113.8	36.7	29.4	34.7	23.7	23.9	15.4	156.8	30.7	5.8
Vermont	514.7	439.8	128.0	43.4	34.7	75.4	62.5	24.7	17.2	121.6	39.9	11.0
Virginia	485.4	397.6	124.6	43.0	34.3	77.9	53.0	20.9	14.3	126.3	32.0	8.3
Washington	524.1	444.3	135.0	43.0	35.0	69.2	55.9	25.6	17.3	133.9	37.9	9.5
West Virginia	541.2	436.7	111.2	55.3	41.3	102.8	67.4	22.3	16.2	114.1	39.5	10.9
Wisconsin	524.4	430.7	125.6	46.1	35.7	71.8	54.4	24.9	17.5	129.6	40.1	9.8
Wyoming	472.4	387.6	111.2	44.8	33.3	55.7	45.8	18.8	13.8	127.1	37.1	11.8
United States	522.6	419.0	123.1	48.3	36.6	76.7	54.1	23.1	16.0	131.5	36.4	9.0

\*Per 100,000, age adjusted to the 2000 US standard population. †This state's data are not included in US combined rates because they were unavailable or did not meet high-quality standards for one or more years during 2008-2012 according to the North American Association of Central Cancer Registries (NAACCR). ‡Rates are based on incidence data for 2008-2009. §Incidence data not submitted to NAACCR. ¶Rates are based on incidence data for 2008-2010.

Source: NAACCR, 2015. Data are collected by cancer registries participating in the National Cancer Institute's SEER program and the Centers for Disease Control and Prevention's National Program of Cancer Registries.

**Table 5. Death Rates\* for Selected Cancers by State, US, 2008-2012**

State	All sites		Breast	Colon & rectum		Lung & bronchus		Non-Hodgkin lymphoma		Pancreas		Prostate
	Male	Female	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
Alabama	246.8	152.4	22.6	21.2	14.1	82.6	40.1	7.9	5.1	13.3	9.9	26.4
Alaska	211.4	151.5	21.0	18.0	13.7	61.2	44.8	7.8	5.0	13.7	9.2	21.9
Arizona	180.0	128.1	19.7	15.9	11.3	46.6	31.9	7.2	4.6	11.5	8.9	19.4
Arkansas	246.5	156.6	22.3	22.7	15.3	88.0	44.2	8.2	5.5	13.2	9.4	22.7
California	183.4	135.3	21.2	16.8	12.2	43.7	30.5	7.4	4.6	11.8	9.3	21.1
Colorado	173.8	129.4	19.7	15.3	11.8	40.8	29.7	7.0	4.3	10.8	9.0	22.6
Connecticut	192.2	138.4	20.3	14.8	11.0	49.7	35.8	7.1	4.5	13.2	10.2	20.2
Delaware	218.1	156.3	22.1	17.5	12.2	66.4	45.2	6.9	4.8	13.6	9.5	22.6
Dist. of Columbia	227.1	161.6	29.0	18.7	16.6	54.6	33.9	7.1	3.7	15.7	12.2	34.9
Florida	197.1	136.9	21.0	17.2	12.1	58.1	37.3	7.5	4.5	12.1	9.0	18.7
Georgia	218.2	143.5	22.9	19.5	13.1	68.0	37.2	7.3	4.2	12.2	9.0	24.6
Hawaii	171.7	114.8	15.1	16.8	10.7	44.4	25.0	7.4	4.5	12.9	10.2	14.8
Idaho	189.3	134.9	20.7	16.0	11.8	45.9	33.6	8.0	4.9	12.3	8.9	24.7
Illinois	215.9	154.4	23.0	20.3	14.0	62.4	40.7	8.2	5.0	13.0	10.0	22.4
Indiana	232.4	157.8	22.7	20.3	14.0	75.3	44.7	8.6	5.3	12.8	9.5	22.0
Iowa	209.1	145.3	20.7	19.8	14.3	61.4	37.5	8.8	5.2	12.4	9.2	20.7
Kansas	206.1	144.7	21.3	18.7	12.8	61.7	39.1	8.7	4.8	12.7	9.7	19.2
Kentucky	253.6	170.0	22.6	21.8	15.2	92.2	55.2	8.8	5.7	12.8	9.4	21.5
Louisiana	247.4	161.0	25.0	22.7	15.1	77.4	42.8	8.6	5.0	14.9	11.4	24.2
Maine	223.8	154.6	19.4	18.4	12.8	66.5	44.1	8.8	5.3	12.0	10.6	21.1
Maryland	207.4	148.0	23.7	18.9	12.8	57.1	38.6	7.3	4.3	13.4	10.2	22.5
Massachusetts	205.5	147.1	20.3	17.1	12.2	56.2	40.3	7.4	4.5	12.6	10.2	20.5
Michigan	215.9	155.0	23.1	18.6	13.2	64.7	42.8	9.2	5.4	13.4	10.1	20.3
Minnesota	197.0	141.1	20.0	16.5	11.8	49.7	35.6	9.4	5.4	12.0	9.0	22.5
Mississippi	260.4	158.5	24.5	23.9	16.5	88.5	41.4	7.8	4.4	14.4	10.6	28.4
Missouri	222.7	156.8	23.4	20.5	13.9	72.8	45.2	7.8	5.0	12.7	9.8	19.9
Montana	188.5	138.6	20.3	16.1	12.5	49.7	37.2	8.0	4.3	11.2	8.2	23.4
Nebraska	200.9	140.8	19.8	19.8	14.6	55.5	35.5	7.9	5.0	12.0	9.4	22.0
Nevada	201.9	149.0	23.3	21.0	13.8	55.9	44.1	6.8	4.3	12.5	9.2	21.5
New Hampshire	208.3	147.6	20.4	16.2	13.0	57.7	42.1	7.2	4.3	13.6	9.4	20.8
New Jersey	199.0	147.4	23.9	19.6	13.8	52.0	35.3	7.4	4.7	13.3	10.3	20.3
New Mexico	181.0	128.1	20.4	18.0	12.2	40.9	27.2	6.0	4.3	11.1	8.0	21.9
New York	193.8	141.7	21.5	17.9	13.0	51.9	35.1	7.6	4.7	13.0	10.0	20.6
North Carolina	222.2	145.0	22.2	18.0	12.3	72.0	39.1	7.5	4.7	11.9	9.2	23.5
North Dakota	198.1	130.2	19.8	19.6	13.1	53.3	31.8	6.3	4.6	13.3	7.8	22.6
Ohio	228.2	158.5	23.8	20.9	14.1	70.9	43.8	9.0	5.3	13.4	10.1	22.0
Oklahoma	233.6	159.6	23.2	21.7	14.4	75.7	45.3	8.9	5.3	12.4	9.6	22.4
Oregon	203.6	149.8	20.9	17.3	12.8	55.2	41.2	8.3	5.0	12.3	9.7	23.2
Pennsylvania	218.5	153.3	23.2	20.2	14.1	62.4	38.7	8.7	5.2	13.3	10.1	21.1
Rhode Island	216.1	143.3	19.8	17.6	13.1	62.5	41.6	7.7	4.2	12.7	8.4	20.8
South Carolina	232.7	148.8	23.2	19.6	13.4	72.7	38.9	7.6	4.5	13.0	10.1	25.5
South Dakota	196.9	142.8	20.7	18.5	13.2	58.2	35.0	7.5	5.0	10.8	9.6	20.8
Tennessee	245.9	156.7	22.6	21.3	14.8	83.6	45.1	8.7	5.0	12.9	9.6	22.6
Texas	201.8	137.7	21.0	18.9	12.5	56.4	33.7	7.7	4.6	11.8	8.9	19.6
Utah	153.0	108.6	20.8	13.2	10.2	26.4	15.6	7.2	4.6	10.9	8.1	23.3
Vermont	206.2	149.9	18.7	16.2	13.3	57.2	43.8	8.2	4.6	13.4	10.2	22.4
Virginia	211.5	145.8	22.8	17.9	12.9	62.5	38.2	7.9	4.6	12.5	9.5	22.7
Washington	201.8	146.4	20.3	16.4	12.2	53.9	39.7	8.3	5.1	12.7	10.2	22.2
West Virginia	242.5	165.2	22.5	22.9	15.0	80.5	49.3	8.4	5.8	12.0	8.6	20.1
Wisconsin	208.9	146.8	21.0	17.4	12.3	56.3	38.1	8.6	5.2	13.1	10.1	23.1
Wyoming	187.0	140.3	19.5	18.3	12.2	46.5	33.7	6.3	4.8	10.9	8.3	20.3
United States	207.9	145.4	21.9	18.6	13.1	59.8	37.8	7.9	4.8	12.6	9.6	21.4

\*Per 100,000, age adjusted to the 2000 US standard population.

Source: US Mortality Data, National Center for Health Statistics, Centers for Disease Control and Prevention.

American Cancer Society, Inc., Surveillance Research, 2016



## 2013 Arapahoe County Health Profile

The goal of this profile is to provide a broad picture of the health status of Arapahoe County compared to the state of Colorado. The third column compares the county measures to the previous year. A positive (+) or negative (-) sign indicate whether the measure increased or decreased from the previous year. The information provided in this report are key health indicators obtained through surveillance data from a variety of public health sources, including the U.S. Census Bureau, the Colorado Demography Office and the Colorado Department of Public Health and Environment (CDPHE).

2013	Arapahoe County	Change <sup>1</sup> from 2012	Colorado
<b>Demographics</b>			
Estimated population	606,603	+11,872	5,264,890
<b>Age Group</b>			
0-14 years	20.6%	-0.2	19.9%
15-24 years	12.5%	-0.3	13.5%
25-44 years	29.1%	+0.2	27.9%
45-64 years	26.4%	-0.1	26.4%
65 years and older	11.5%	+0.5	12.4%
<b>Estimated race/ethnicity</b>			
<b>Non-Hispanic Origin</b>			
White	62.4%	-0.4	69.2%
Black or African-American	9.6%	-0.3	3.7%
Asian American/Pacific Islander	5.5%	0.0	2.9%
American Indian and Alaska Native	0.3%	-0.1	0.6%
Some other race	0.3%	+0.1	0.2%
Two or more races	3.3%	+0.7	2.4%
Hispanic Origin (or any race)	18.6%	0.0	21.0%
Poverty rate (all people)	12.6%	+0.6	13.0%
<b>Births</b>			
Teen fertility rate <sup>2</sup> (ages 15-17)	10.5	+0.3	11.4
Teen fertility rate <sup>2</sup> (ages 18-19)	36.7	+0.2	37.4
General fertility rate <sup>2</sup> (ages 15-44)	63.5	+0.1	61.5
Infant mortality rate <sup>3</sup>	5.5	+0.8	5.1
Low birth weight (less than 2500 grams or 5 lb 9 oz)	9.4%	0.0	8.8%
Premature (gestation less than 37 wks)	9.1%	0.0	8.6%
Prenatal care in first trimester	77.6%	+0.4	80.8%
<b>Death Rates<sup>4</sup></b>			
All causes	609.4	-26.3	650.3
<b>All cancers</b>			
Lung cancer	28.8	-2.6	29.5
Breast cancer (females)	15.5	-5.0	17.9
Prostate cancer (males)	15.4	-2.3	20.6
Colorectal cancer	11.6	-1.2	12.1
Heart disease	106.7	-4.3	124.5
<b>Unintentional injuries</b>			
Falls	13.5	-1.3	15.8
Unintentional poisonings	11.9	+0.6	12.6
Motor vehicle injuries	6.8	+0.4	9.5

2013	Arapahoe County	Change <sup>1</sup> from 2012	Colorado
<b>Death Rates (continued)<sup>4</sup></b>			
Chronic lower respiratory disease	44.4	+3.0	45.4
Cerebrovascular disease / Stroke	28.9	-1.3	31.5
Alzheimer's disease	37.9	+1.0	26.9
Suicide	18.5	+1.6	18.5
Diabetes mellitus	16.9	-0.1	14.8
Chronic liver disease and cirrhosis	12.5	+3.6	12.5
Influenza and pneumonia	8.2	-1.8	11.9
<b>Select Diseases, Rate of New Cases<sup>5</sup></b>			
Hepatitis C (acute and chronic)	28.2	-4.1	53.3
HIV, non-AIDS	9.2	-0.7	5.7
Tuberculosis	2.0	+0.5	1.4
Pertussis	31.3	+2.7	28.5
E. coli	4.8	+2.8	3.6
Salmonella	10.2	+1.8	12.0
<b>Adult Risk Factors<sup>6</sup></b>			
Binge drinking of alcohol in last month <sup>7</sup>	16.8%	-5.6	18.5%
Current cigarette smoking	18.4%	+3.5	17.7%
Have health care coverage	84.3%	+0.9	83.2%
No leisure time physical activity	21.6%	+1.5	17.9%
Obese (body mass index greater than or equal to 30) ages 20 and older	22.4%	+2.6	21.3%
<b>Youth Risk Behaviors<sup>8</sup></b>			
Binge drinking of alcohol in past month <sup>7</sup>	13.9%	N/A	16.6%
Current cigarette smoking	8.5%	N/A	10.7%
Used marijuana in past month	20.6%	N/A	19.7%
Mental health not good on one or more days in past month	61.3%	N/A	60.1%
Not getting 60 minutes of physical activity in single day in past week	13.6%	N/A	13.0%
Obesity (greater than or equal to 95th% for body mass index)	7.7%	N/A	8.0%

1. Differences calculated on small numbers can produce unstable estimates and should be interpreted with caution.
2. Rate per 1,000 women in age group specified.
3. Rate of infant deaths within the first year of age per 1,000 live births.
4. Leading causes of death in Colorado, 2013. Rates are per 100,000 population and age-adjusted to 2000 US Census population.
5. Rates are per 100,000 population.
6. The Behavioral Risk Factor Surveillance System, 2013.
7. Binge drinking defined as five or more drinks on an occasion, one or more times in the past 30 days.
8. Healthy Kids Colorado Survey, 2013, prior years not available at county level.

### Sources

Colorado Department of Public Health and Environment (CDPHE): [www.cdphe.state.co.us](http://www.cdphe.state.co.us)  
Colorado Demography Office: <http://www.colorado.gov/cs/Satellite/DOLA-Main/CBON/1251590805419>  
U.S. Census Bureau: [www.census.gov](http://www.census.gov)  
Healthy People 2020: <http://healthypeople.gov/2020/default.aspx>

Produced by Tri-County Health Department in December 2014: [www.tchd.org](http://www.tchd.org)  
Please direct any questions to Christine Demont-Heinrich, Population Health Epidemiologist at [cdemonth@tchd.org](mailto:cdemonth@tchd.org)

## Community Health Data

The Tri-County Health Department [Community Health Profile](#) is published every five years, which is a comprehensive report displaying information about the overall health of the residents in the Tri-County region. In addition, each year, Tri-County publishes a two-page snapshot of the most recent year's health indicator data for each county:

- [Adams County](#)
- [Arapahoe County](#)
- [Douglas County](#)

One of Tri-County Health Department's many roles is to monitor the health of our communities. We regularly examine a variety of sources of public health data to understand the health trends in our three counties. We use this information to help plan services at Tri-County Health Department, and also share it with other health care providers and policy makers to guide their service provision and decision making.

### Birth and Death Certificate Data

We examine birth certificate data to understand trends in access to prenatal care, pre-term births and low birth-weight births. We use death certificate data to monitor trends in deaths from a variety of causes such as heart disease, cancer, injury, stroke and suicide.

### Behavioral Risk Factor Surveillance System

The [Behavioral Risk Factor Surveillance System \(BRFSS\)](#) provides information on self-reported health status, prevalence of chronic conditions, and lifestyle behaviors and preventive health practices associated with the leading causes of death and disability.

### Pregnancy Risk Assessment Monitoring System

The [Pregnancy Risk Assessment Monitoring System \(PRAMS\)](#) helps us understand maternal attitudes and experiences prior to, during, and immediately following pregnancy.

### Communicable Diseases & Injury Hospitalizations

We also look at information on communicable diseases and injury hospitalizations. Tri-County Health Department produces a County Health Profile annually for each of our three counties. This report provides a broad picture of the health status of the county compared to the state of Colorado and Healthy People 2020 national target objectives. It includes population data, births, death rates of the leading causes of death, incidence rates (a measurement of the number of new cases) for selected diseases, and the percentage of the population that engages in certain lifestyle behaviors (such as cigarette smoking).