Salem Crime Statistics
15 Years in Review

2009 - 2023

Salem Crime Statistics: 15 Years in Review

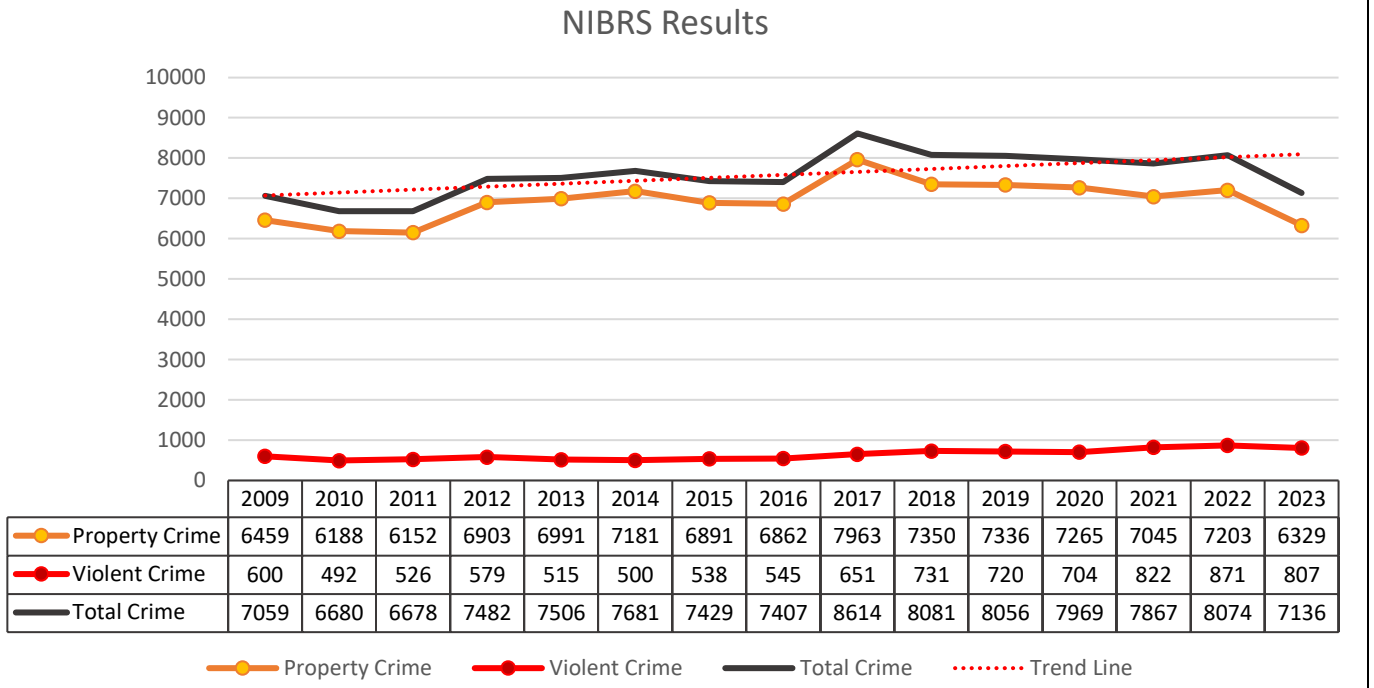
- The crime counts are tallied from our Records Management System (Mark 43) using the standards defined by the FBI's "Uniform Crime Reporting" program:
  - Crimes against persons (Homicide, Aggravated Assault, & Rape) are tallied based on the number of victims of the crime
  - Motor Vehicle Thefts are tallied by the number of vehicles stolen
  - Other crimes against property (Arson, Burglary, Larceny, & Robbery) are tallied by the number of incidents
- In 2020 the Salem Police Department adopted the Federal NIBRS crime definitions and stopped using the Oregon definitions (ONIBRS) when reporting statistics to the FBI Uniform Crime Reporting program.
- Specific crimes included in the Violent Crime Statistics include: Homicide, Rape, Robbery, and Aggravated Assault
- Specific crimes included in the Property Crime Statistics include: Burglary, Motor Vehicle Theft, Larceny (All), and Arson
- Population data is obtained from the Portland State University Population Research Center
  - For most years, the population is an estimate calculated by the Census Bureau. In 2020 the U.S. Census occurred, and the population was corrected to match the actual count for that year
- The crime rate is calculated per 100,000 residents. This allows for a more accurate comparison from year to year, correcting for population growth
- The expected range is calculated by using two standard deviations from the average. This method produces an expected range with 95% accuracy
- It is possible for crime counts to change from previous years due to ongoing activity on cases (changes from last year are highlighted in blue)
- Graphs presented in this document show actual count numbers and rates per 100,000 population compared to a linear trend line

Salem Crime Statistics: 15 Years in Review

COUNT TOTALS: NIBRS OFFENSES BY YEAR

*THE NIBRS OFFENSES INCLUDED IN THESE COUNTS ARE HOMICIDE, RAPE, AGGRAVATED ASSAULT, ROBBERY, BURGLARY, MOTOR VEHICLE THEFT, LARCENY, AND ARSON

	Population	Total Crime	% Change from Previous Year	15-Yr Average	% Change from Average
2009	156,955	7,059	-11%	7,581	-7%
2010	155,100	6,680	-5%	7,581	-12%
2011	155,710	6,678	0%	7,581	-12%
2012	156,455	7,482	12%	7,581	-2%
2013	157,770	7,506	0%	7,581	-2%
2014	159,265	7,681	2%	7,581	1%
2015	160,690	7,429	-3%	7,581	-3%
2016	162,060	7,407	0%	7,581	-3%
2017	163,480	8,614	16%	7,581	13%
2018	165,265	8,081	-6%	7,581	6%
2019	167,395	8,056	0%	7,581	6%
2020	175,535	7,969 *	-1%	7,581	5%
2021	177,694	7,867 *	-1%	7,581	3%
2022	179,605	8,074*	3%	7,581	5%
2023	182,726	7,136	-12%	7,581	-6%



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Property Crime	6459	6188	6152	6903	6991	7181	6891	6862	7963	7350	7336	7265	7045	7203	6329
Violent Crime	600	492	526	579	515	500	538	545	651	731	720	704	822	871	807
Total Crime	7059	6680	6678	7482	7506	7681	7429	7407	8614	8081	8056	7969	7867	8074	7136

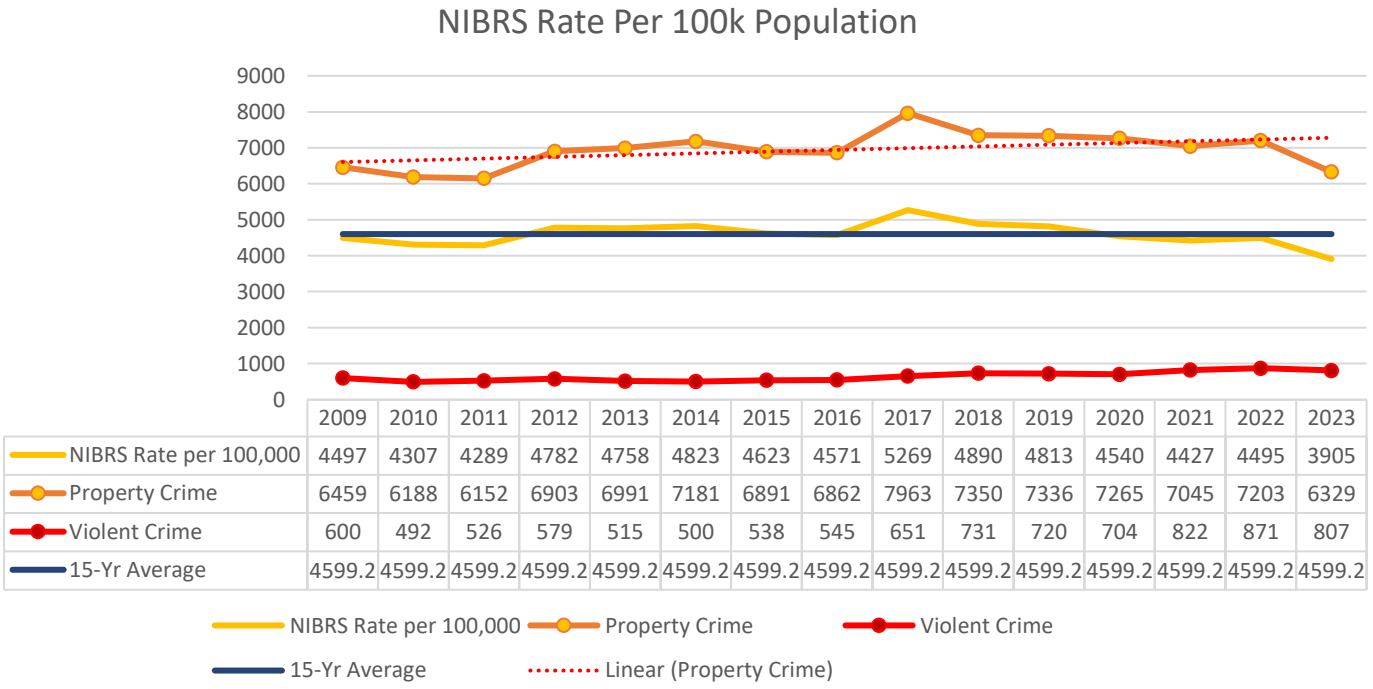
***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

RATE: NIBRS OFFENSES PER 100,000 POPULATION

*THE NIBRS OFFENSES INCLUDED IN THESE COUNTS ARE HOMICIDE, RAPE, AGGRAVATED ASSAULT, ROBBERY, BUGLARY, MOTOR VEHILCE THEFT, LARCENY, AND ARSON

	Population	NIBRS Rate per 100,000	% Change from Previous Year	15-Yr Average	% Change from Average
2009	156,955	4,497	-12%	4,599	-2%
2010	155,100	4,307	-4%	4,599	-6%
2011	155,710	4,289	0%	4,599	-7%
2012	156,455	4,782	11%	4,599	4%
2013	157,770	4,758	-1%	4,599	3%
2014	159,265	4,823	1%	4,599	5%
2015	160,690	4,623	-4%	4,599	1%
2016	162,060	4,571	-1%	4,599	-1%
2017	163,480	5,269	15%	4,599	15%
2018	165,265	4,890	-7%	4,599	6%
2019	167,395	4,813	-2%	4,599	5%
2020	175,535	4,540*	-6%	4,599	-1%
2021	177,694	4,427*	-2%	4,599	-4%
2022	179,605	4,495*	2%	4,599	-2%
2023	182,726	3,905	-13%	4,599	-15%



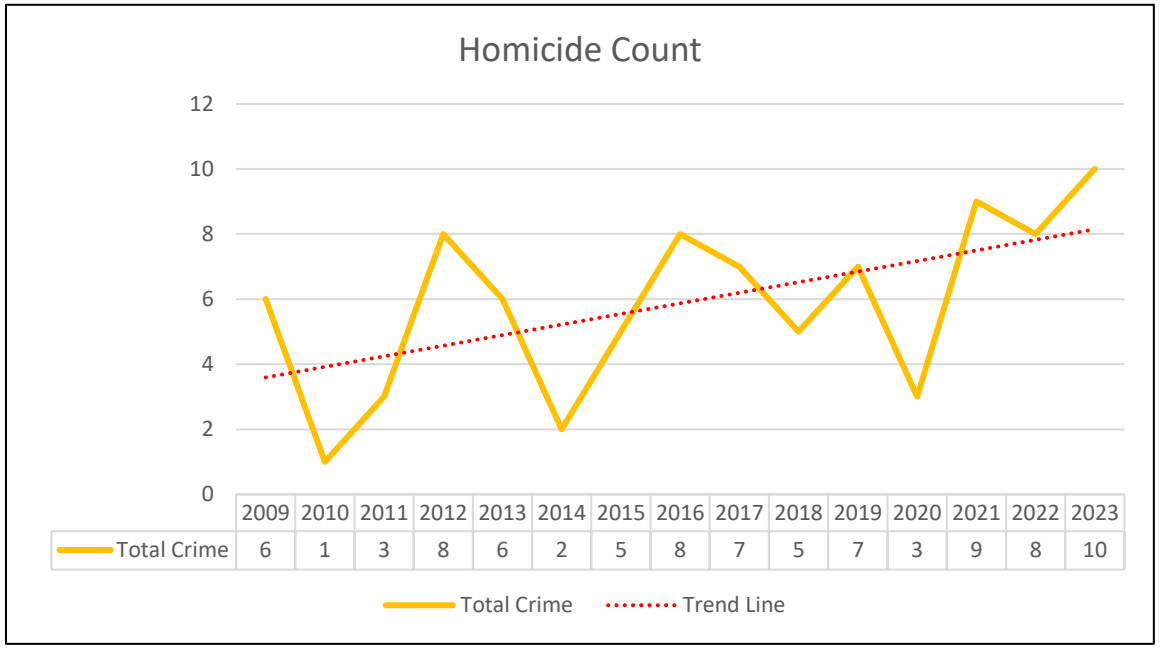
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NIBRS Rate per 100,000	4497	4307	4289	4782	4758	4823	4623	4571	5269	4890	4813	4540	4427	4495	3905
Property Crime	6459	6188	6152	6903	6991	7181	6891	6862	7963	7350	7336	7265	7045	7203	6329
Violent Crime	600	492	526	579	515	500	538	545	651	731	720	704	822	871	807
15-Yr Average	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2	4599.2

***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

COUNT: HOMICIDES BY YEAR

Year	Population	Total Crime	% Change from Previous Year	15-Year Average	% Change from Average
2009	156,955	6	0%	5.9	2%
2010	155,100	1	-83%	5.9	-83%
2011	155,710	3	200%	5.9	-49%
2012	156,455	8	167%	5.9	36%
2013	157,770	6	-25%	5.9	2%
2014	159,265	2	-67%	5.9	-66%
2015	160,690	5	150%	5.9	-15%
2016	162,060	8	60%	5.9	36%
2017	163,480	7	-13%	5.9	19%
2018	165,265	5	-29%	5.9	-15%
2019	167,395	7	40%	5.9	19%
2020	175,535	3	-57%	5.9	-49%
2021	177,694	9	200%	5.9	53%
2022	179,605	8*	-11%	5.9	36%
2023	182,726	10	25%	5.9	70%



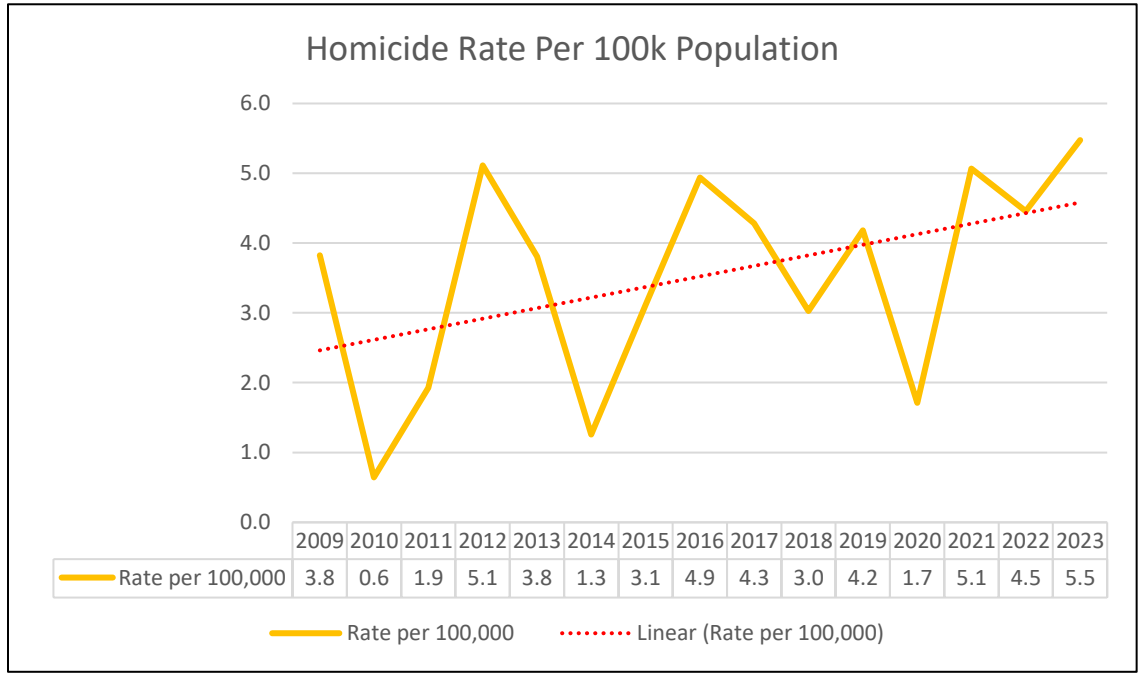
NOTE: Homicide as a crime has increased by 67% from 2009 to 2023

***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

RATE: HOMICIDES PER 100,000 POPULATION

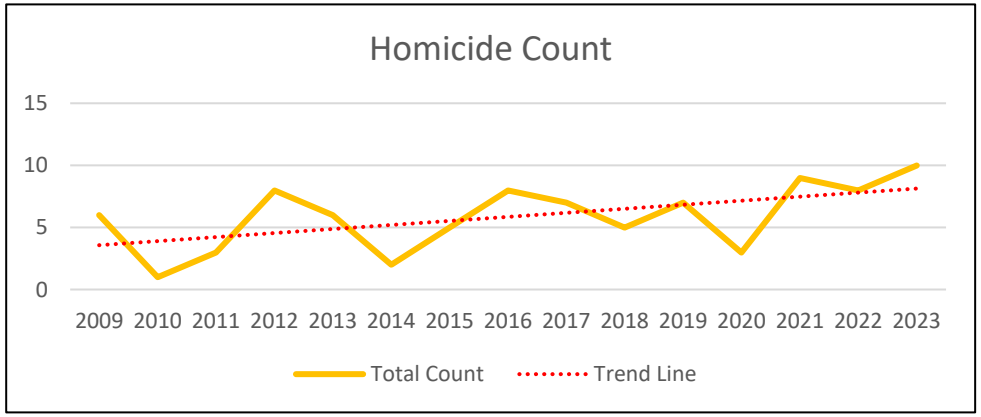
Year	Population	Rate per 100,000	% Change from Previous Year	15-Year Average	% Change from Average
2009	156,955	3.8	-2%	3.5	9%
2010	155,100	0.6	-83%	3.5	-82%
2011	155,710	1.9	199%	3.5	-45%
2012	156,455	5.1	165%	3.5	45%
2013	157,770	3.8	-26%	3.5	8%
2014	159,265	1.3	-67%	3.5	-64%
2015	160,690	3.1	148%	3.5	-12%
2016	162,060	4.9	59%	3.5	40%
2017	163,480	4.3	-13%	3.5	22%
2018	165,265	3.0	-29%	3.5	-14%
2019	167,395	4.2	38%	3.5	19%
2020	175,535	1.7	-59%	3.5	-51%
2021	177,694	5.1	196%	3.5	44%
2022	179,605	4.5*	-12%	3.5	27%
2023	182,726	5.5	23%	3.5	55%



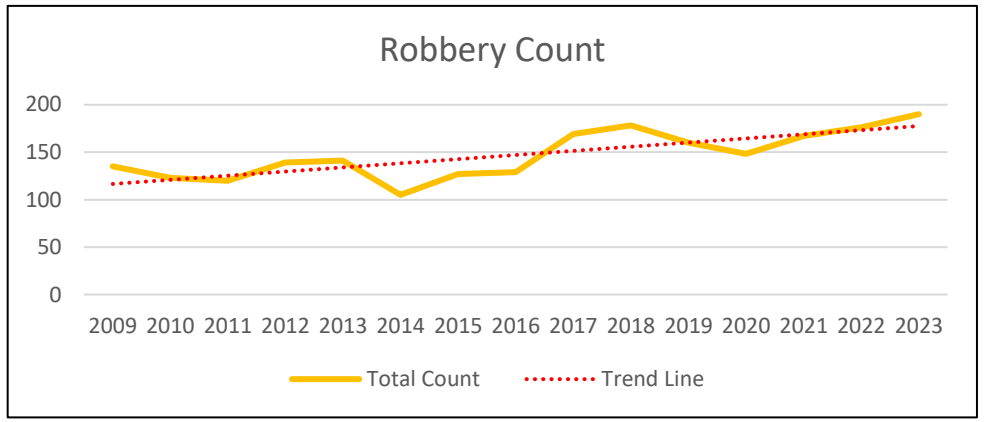
***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

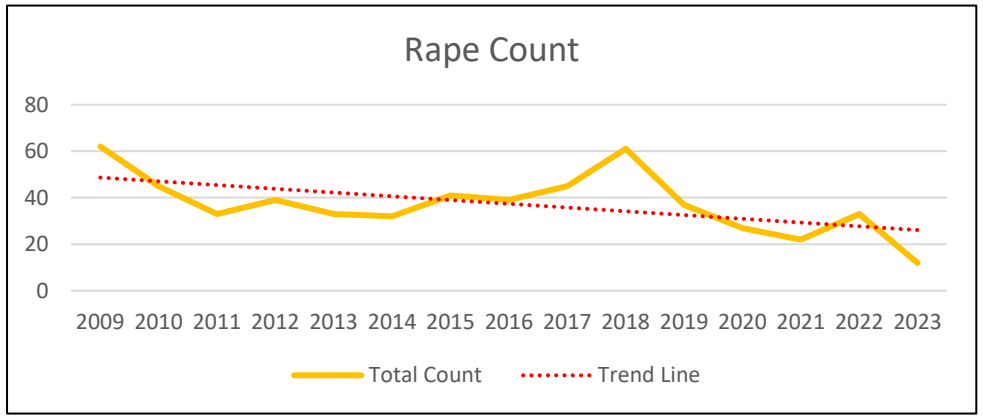
COUNT: VIOLENT CRIMES BY CATEGORY



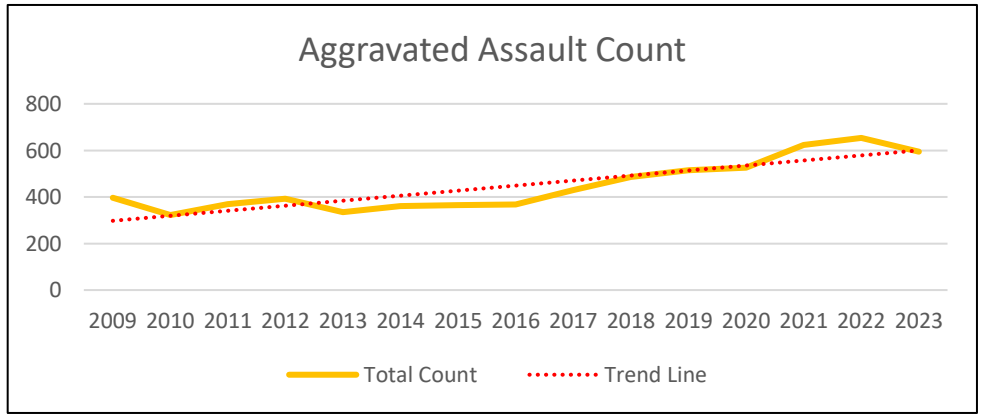
NOTE: Homicide as a crime has increased by 67% from 2009 to 2023



NOTE: Robbery as a crime has increased by 41% from 2009 to 2023



NOTE: Rape as a crime has decreased by -81% from 2009 to 2023

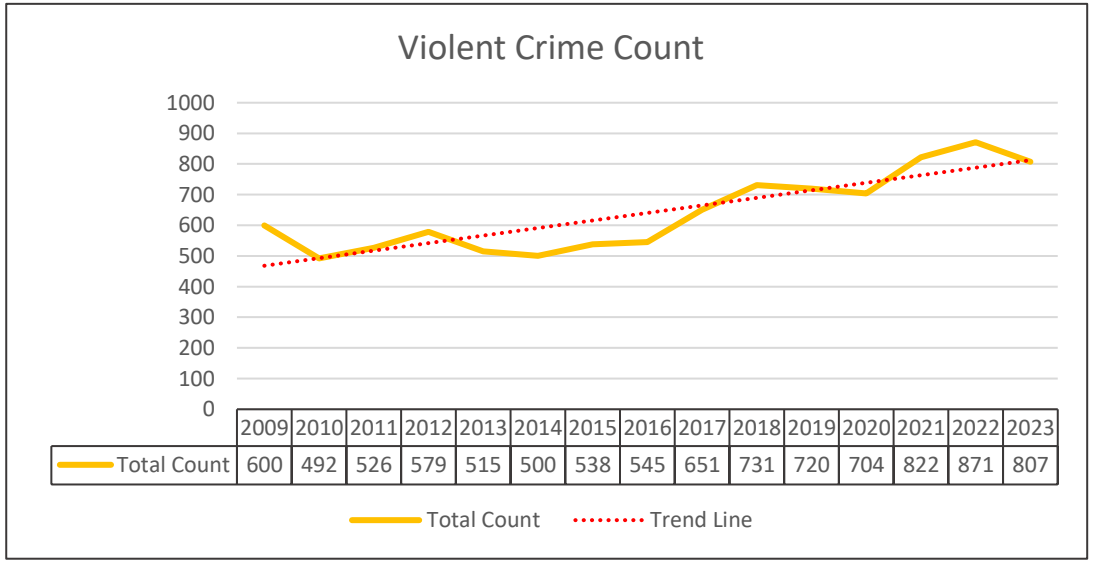


NOTE: Aggravated Assault as a crime has increased by 50% from 2009 to 2023

Salem Crime Statistics: 15 Years in Review

COUNT: ALL VIOLENT CRIMES

Year	Population	Total Count	% Change from Previous Year	15-Yr Average	% Change from Average
2009	156,955	600	15%	639.9	-6%
2010	155,100	492	-18%	639.9	-23%
2011	155,710	526	7%	639.9	-18%
2012	156,455	579	10%	639.9	-10%
2013	157,770	515	-11%	639.9	-20%
2014	159,265	500	-3%	639.9	-22%
2015	160,690	538	8%	639.9	-16%
2016	162,060	545	1%	639.9	-15%
2017	163,480	651	19%	639.9	2%
2018	165,265	731	12%	639.9	14%
2019	167,395	720	-2%	639.9	13%
2020	175,535	704*	-2%	639.9	10%
2021	177,694	822*	17%	639.9	28%
2022	179,605	871*	6%	639.9	36%
2023	182,726	807	-7%	639.9	26%



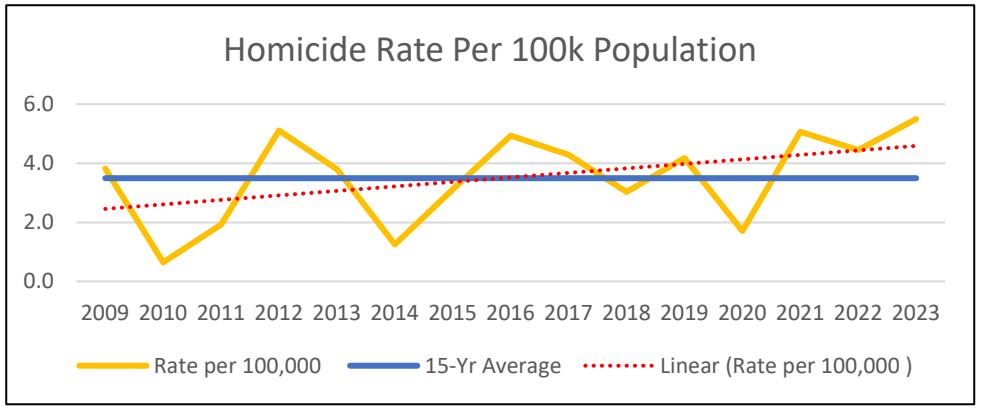
NOTE: Violent Crime from 2009 – 2023 has increased by 35%

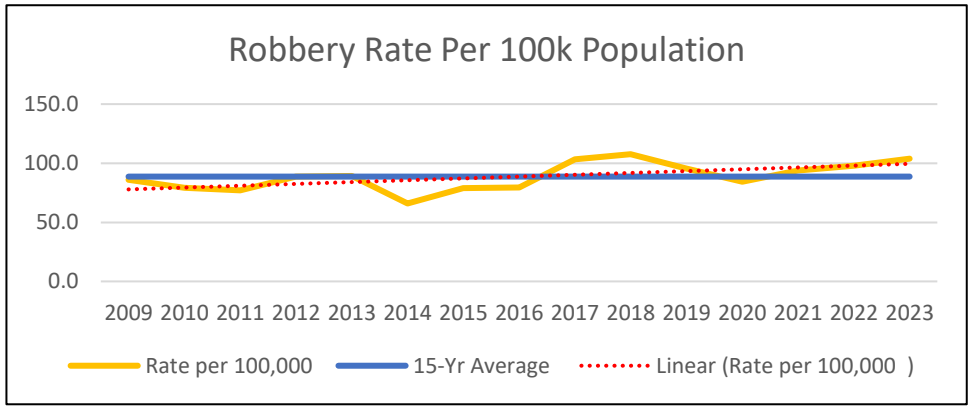
***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

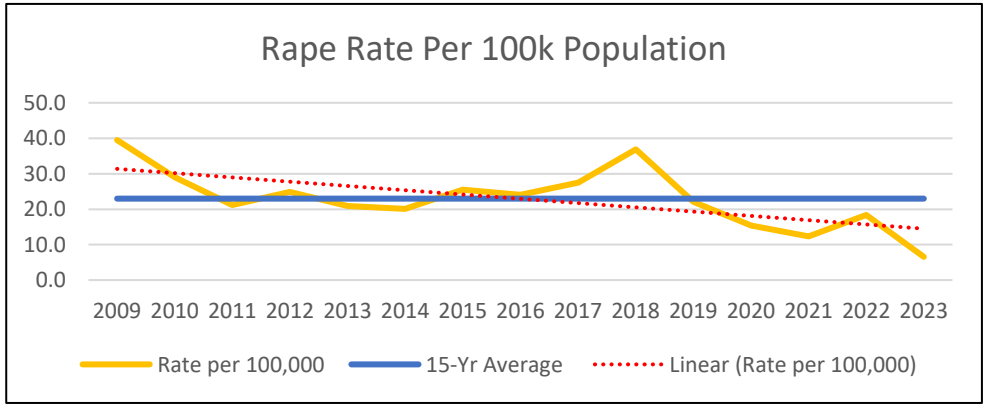
NOTE: As a reminder, the total count for "all violent crimes" is only calculating specific crimes that are categorized within Homicide, Rape, Robbery, and Aggravated Assault.

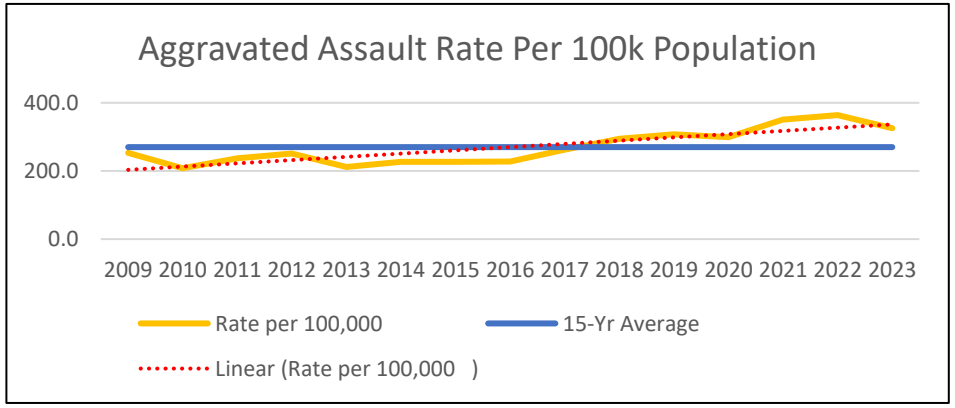
Salem Crime Statistics: 15 Years in Review

RATE: VIOLENT CRIMES PER 100,000 POPULATION





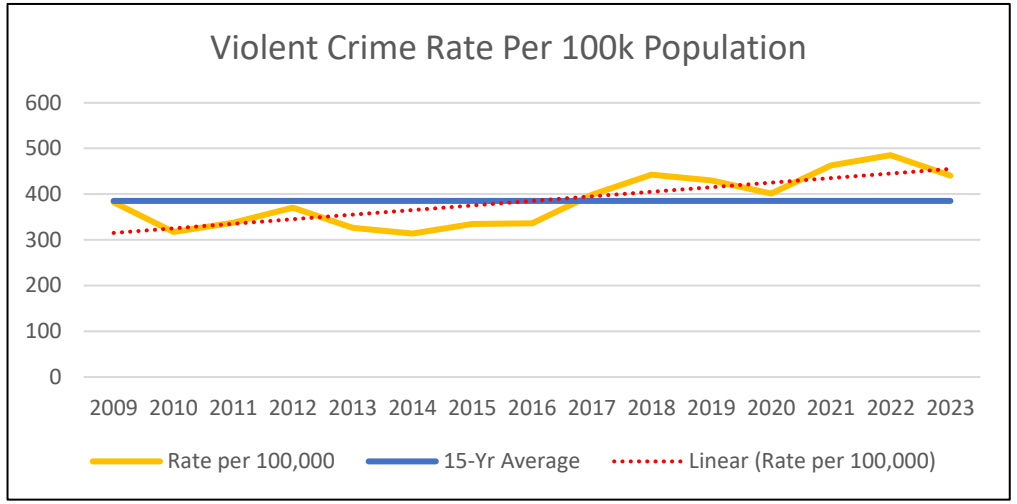




Salem Crime Statistics: 15 Years in Review

RATE: ALL VIOLENT CRIMES PER 100,000 POPULATION

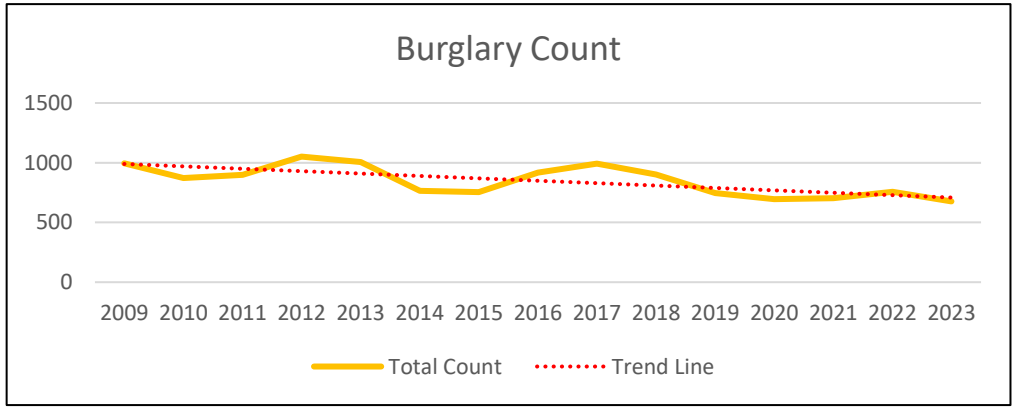
Year	Population	Rate per 100,000	% Change from Previous Year	15-Yr Average	% Change from Average
2009	156,955	382	13%	385	-1%
2010	155,100	317	-17%	385	-18%
2011	155,710	338	6%	385	-12%
2012	156,455	370	10%	385	-4%
2013	157,770	326	-12%	385	-15%
2014	159,265	314	-4%	385	-19%
2015	160,690	335	7%	385	-13%
2016	162,060	336	0%	385	-13%
2017	163,480	398	18%	385	3%
2018	165,265	442	11%	385	15%
2019	167,395	430	-3%	385	12%
2020	175,535	401*	-7%	385	4%
2021	177,694	463*	15%	385	20%
2022	179,605	485*	5%	385	26%
2023	182,726	441	-9%	385	15%



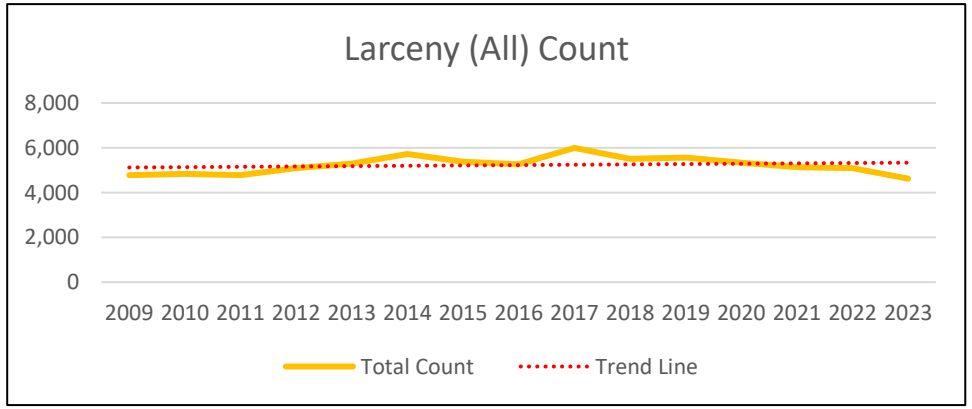
***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

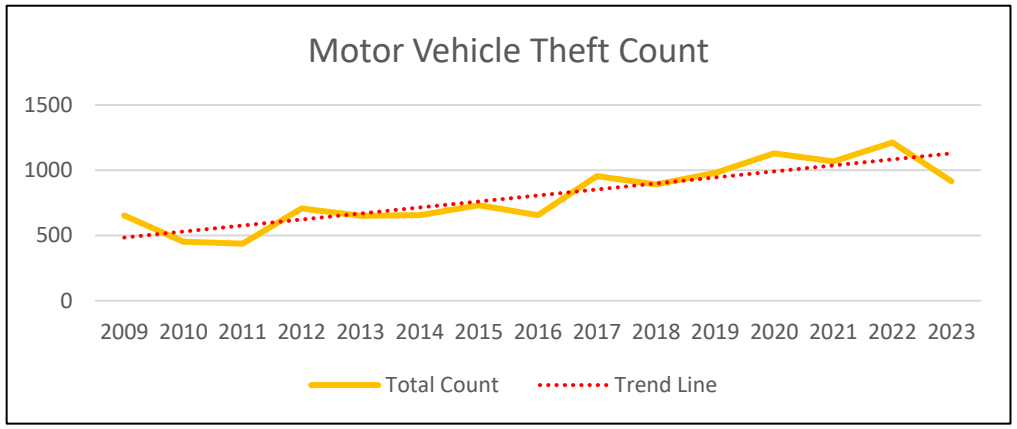
COUNT: PROPERTY CRIMES BY CATEGORY



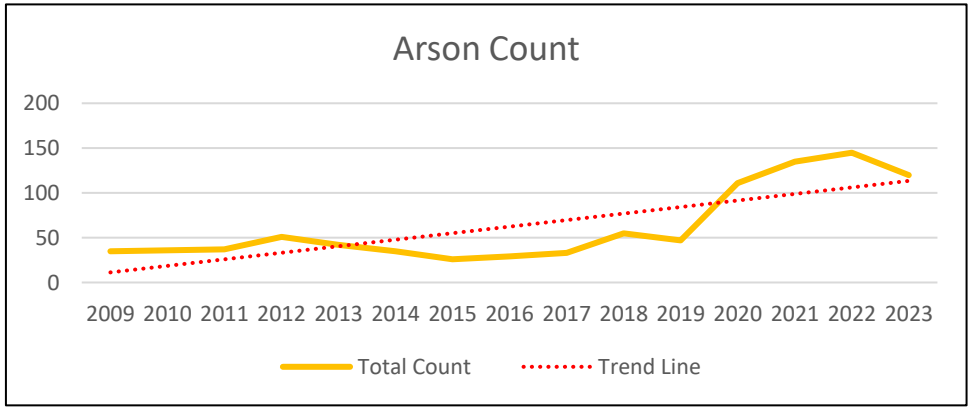
NOTE: Burglary as a crime has decreased by -32% from 2009 to 2023



NOTE: Larceny as a crime has decreased by -3% from 2009 to 2023



NOTE: Motor Vehicle Theft as a crime has increased by 40% from 2009 to 2023

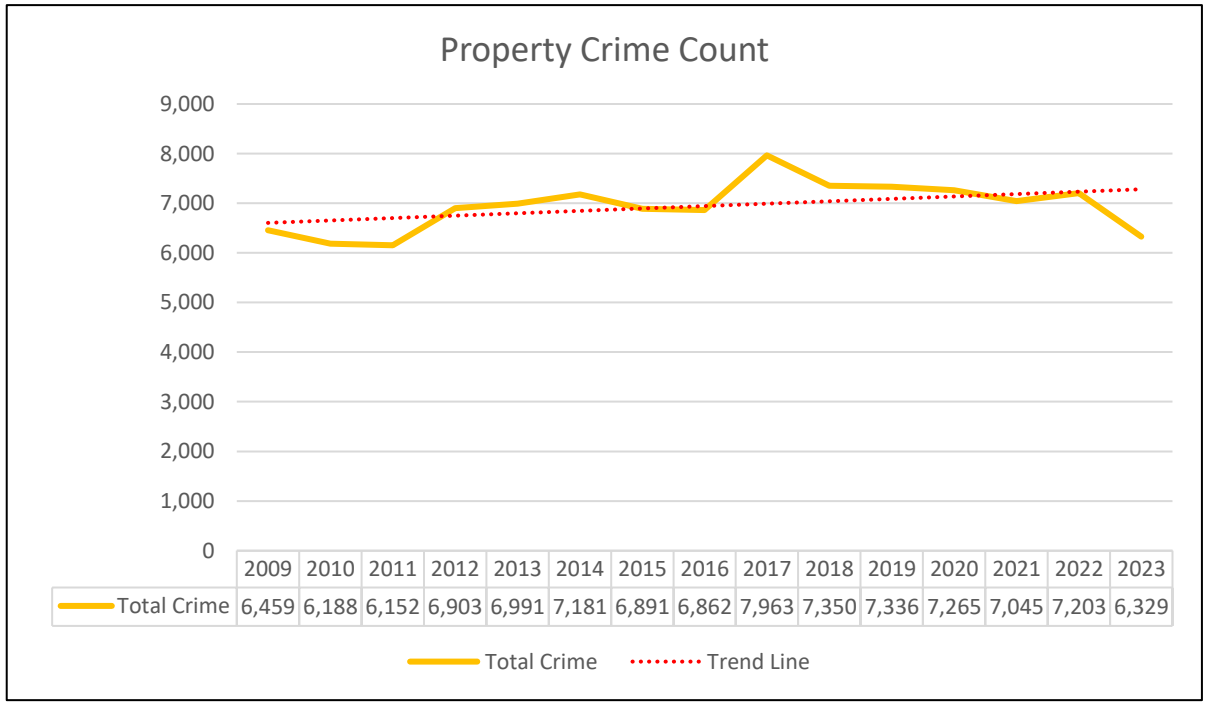


NOTE: Arson as a crime has increased by 243% from 2009 to 2023

Salem Crime Statistics: 15 Years in Review

COUNT: ALL PROPERTY CRIMES

Year	Population	Total Crime	% Change from Previous Year	15-Yr Average	Expected Range	% Change from Average
2009	156,955	6,459	-12%	6,941	5,953-7,930	-7%
2010	155,100	6,188	-4%	6,941	5,953-7,930	-11%
2011	155,710	6,152	-1%	6,941	5,953-7,930	-11%
2012	156,455	6,903	12%	6,941	5,953-7,930	-1%
2013	157,770	6,991	1%	6,941	5,953-7,930	1%
2014	159,265	7,181	3%	6,941	5,953-7,930	3%
2015	160,690	6,891	-4%	6,941	5,953-7,930	-1%
2016	162,060	6,862	0%	6,941	5,953-7,930	-1%
2017	163,480	7,963	16%	6,941	5,953-7,930	15%
2018	165,265	7,350	-8%	6,941	5,953-7,930	6%
2019	167,395	7,336	0%	6,941	5,953-7,930	6%
2020	175,535	7,265*	-1%	6,941	5,953-7,930	5%
2021	177,694	7,045*	-3%	6,941	5,953-7,930	1%
2022	179,605	7,203*	2%	6,941	5,953-7,930	4%
2023	182,726	6,329	-12%	6,941	5,953-7,930	-9%



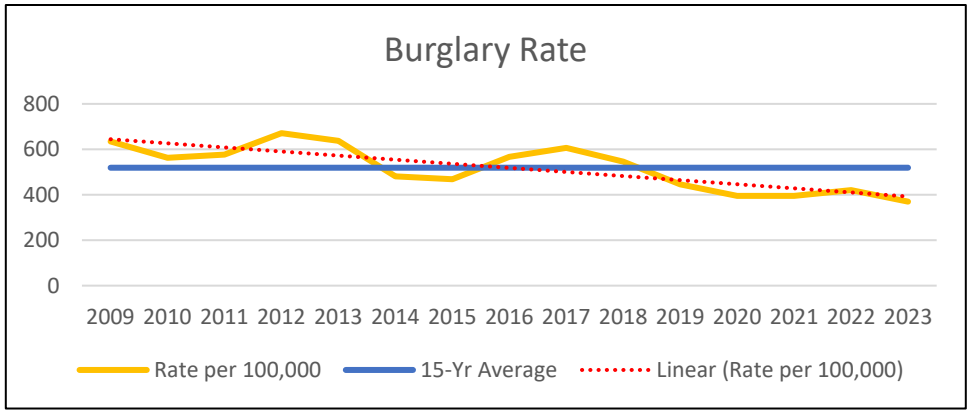
NOTE: All property crimes have decreased by -2% from 2009 to 2023

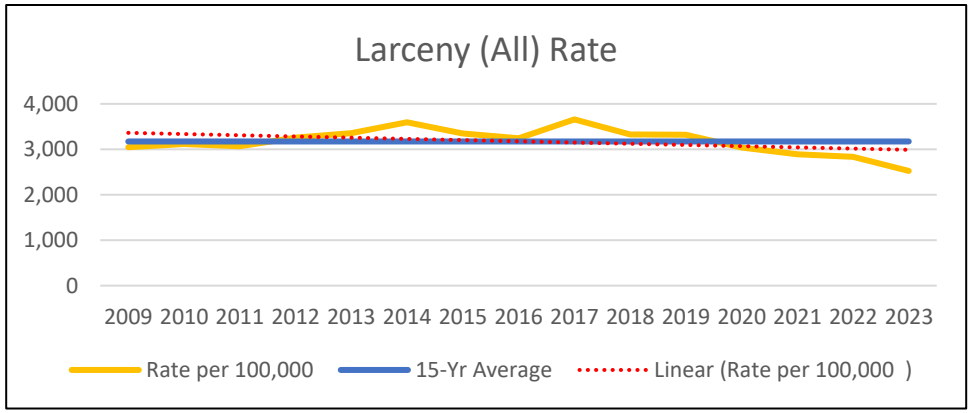
*NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.

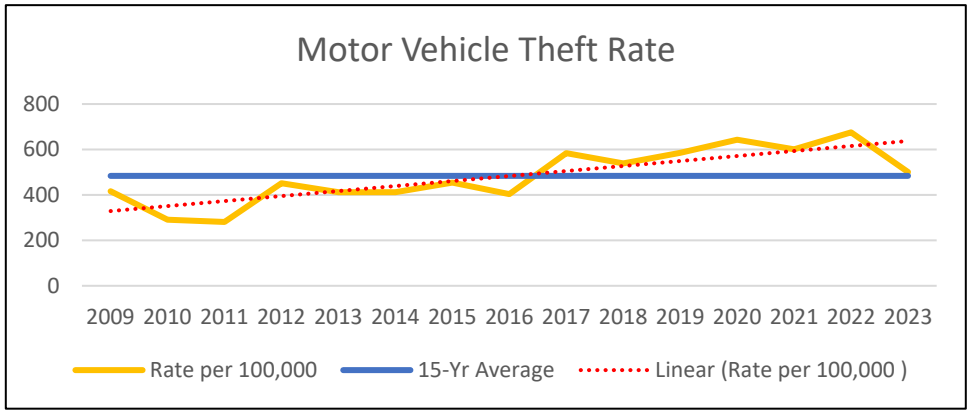
NOTE: As a reminder, the total count for "all property crimes" is only calculating specific crimes that are categorized within Burglary, Motor Vehicle Theft, Larceny (All), and Arson

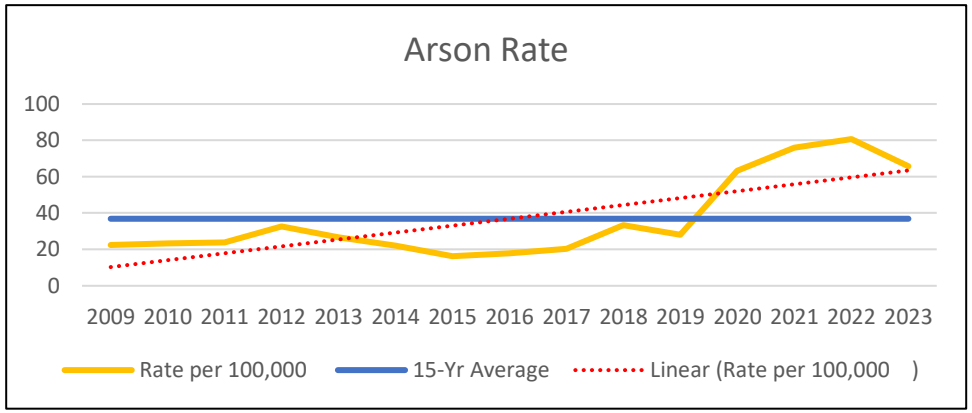
Salem Crime Statistics: 15 Years in Review

RATE: PROPERTY CRIMES PER 100,000 POPULATION





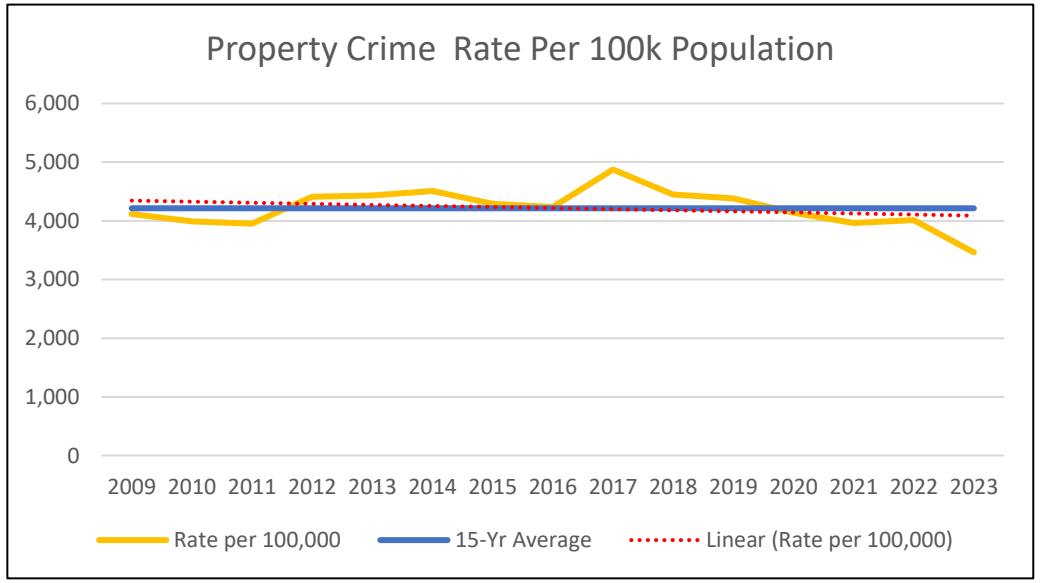




Salem Crime Statistics: 15 Years in Review

RATE: ALL PROPERTY CRIMES PER 100,000 POPULATION

Year	Population	Rate per 100,000	% Change from Previous Year	15-Yr Average	% Change from Average
2009	156,955	4,115	-14%	4,214	-2%
2010	155,100	3,990	-3%	4,214	-5%
2011	155,710	3,951	-1%	4,214	-6%
2012	156,455	4,412	12%	4,214	5%
2013	157,770	4,431	0%	4,214	5%
2014	159,265	4,509	2%	4,214	7%
2015	160,690	4,288	-5%	4,214	2%
2016	162,060	4,234	-1%	4,214	0%
2017	163,480	4,871	15%	4,214	16%
2018	165,265	4,447	-9%	4,214	6%
2019	167,395	4,382	-1%	4,214	4%
2020	175,535	4,139 *	-6%	4,214	-2%
2021	177,694	3,965 *	-4%	4,214	-6%
2022	179,605	4,010 *	1%	4,214	-5%
2023	182,726	3,464	-14%	4,214	-18%



*NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.

Salem Crime Statistics: 15 Years in Review

COUNT: VIOLENT CRIMES BY CATEGORY

Appendix 1

Year		Homicide			Rape			Robbery			Aggravated Assault			Total Violent Crime		
	Population	Total Count	15-Yr Average	% Change from Average	Total Count	15-Yr Average	% Change from Average	Total Count	15-Yr Average	% Change from Average	Total Count	15-Yr Average	% Change from Average	Total Count	15-Yr Average	% Change from Average
2009	156,955	6	5.9	2%	62	37.4	66%	135	147.1	-8%	397	449.7	-12%	600	639.9	-6%
2010	155,100	1	5.9	-83%	45	37.4	20%	123	147.1	-16%	323	449.7	-28%	492	639.9	-23%
2011	155,710	3	5.9	-49%	33	37.4	-12%	120	147.1	-18%	370	449.7	-18%	526	639.9	-18%
2012	156,455	8	5.9	36%	39	37.4	4%	139	147.1	-6%	393	449.7	-13%	579	639.9	-10%
2013	157,770	6	5.9	2%	33	37.4	-12%	141	147.1	-4%	335	449.7	-26%	515	639.9	-20%
2014	159,265	2	5.9	-66%	32	37.4	-14%	105	147.1	-29%	361	449.7	-20%	500	639.9	-22%
2015	160,690	5	5.9	-15%	41	37.4	10%	127	147.1	-14%	365	449.7	-19%	538	639.9	-16%
2016	162,060	8	5.9	36%	39	37.4	4%	129	147.1	-12%	369	449.7	-18%	545	639.9	-15%
2017	163,480	7	5.9	19%	45	37.4	20%	169	147.1	15%	430	449.7	-4%	651	639.9	2%
2018	165,265	5	5.9	-15%	61	37.4	63%	178	147.1	21%	487	449.7	8%	731	639.9	14%
2019	167,395	7	5.9	19%	37	37.4	-1%	160	147.1	9%	516	449.7	15%	720	639.9	13%
2020	175,535	3	5.9	-49%	27	37.4	-28%	148*	147.1	1%	526*	449.7	17%	704*	639.9	10%
2021	177,694	9	5.9	53%	22*	37.4	-41%	167	147.1	14%	624*	449.7	39%	822*	639.9	28%
2022	179,605	8*	5.9	36%	33*	37.4	-12%	176	147.1	20%	654*	449.7	45%	871*	639.9	36%
2023	182,726	10	5.9	70%	12	37.4	-68%	190	147.1	29%	595	449.7	32%	807	639.9	26%

***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

RATE: VIOLENT CRIMES PER 100,000 POPULATION

Appendix 2

Year		Homicide			Rape			Robbery			Aggravated Assault			Total Violent Crime		
	Population	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average
2009	156,955	3.8	3.5	9%	39.5	23	72%	86.0	89	-3%	252.9	270	-6%	382	385	-1%
2010	155,100	0.6	3.5	-82%	29.0	23	26%	79.3	89	-11%	208.3	270	-23%	317	385	-18%
2011	155,710	1.9	3.5	-45%	21.2	23	-8%	77.1	89	-13%	237.6	270	-12%	338	385	-12%
2012	156,455	5.1	3.5	45%	24.9	23	9%	88.8	89	0%	251.2	270	-7%	370	385	-4%
2013	157,770	3.8	3.5	8%	20.9	23	-9%	89.4	89	1%	212.3	270	-21%	326	385	-15%
2014	159,265	1.3	3.5	-64%	20.1	23	-13%	65.9	89	-26%	226.7	270	-16%	314	385	-19%
2015	160,690	3.1	3.5	-12%	25.5	23	11%	79.0	89	-11%	227.1	270	-16%	335	385	-13%
2016	162,060	4.9	3.5	40%	24.1	23	5%	79.6	89	-10%	227.7	270	-16%	336	385	-13%
2017	163,480	4.3	3.5	22%	27.5	23	20%	103.4	89	16%	263.0	270	-3%	398	385	3%
2018	165,265	3.0	3.5	-14%	36.9	23	61%	107.7	89	21%	294.7	270	9%	442	385	15%
2019	167,395	4.2	3.5	19%	22.1	23	-4%	95.6	89	8%	308.3	270	14%	430	385	12%
2020	175,535	1.7	3.5	-51%	15.4	23	-33%	84.3*	89	-5%	299.7*	270	11%	401*	385	4%
2021	177,694	5.1	3.5	44%	12.4*	23	-46%	94.0	89	6%	351.2*	270	30%	463*	385	20%
2022	179,605	4.5*	3.5	27%	18.4*	23	-20%	98.0	89	10%	364.1*	270	35%	485*	385	26%
2023	182,726	5.5	3.5	55%	6.6	23	-71%	104.0	89	17%	325.6	270	21%	441	385	15%

***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

COUNT: PROPERTY CRIMES BY CATEGORY

Appendix 3

		Burglary			Motor Vehicle Theft			Larceny (All)			Arson			Total Property Crime		
Year	**Population**	**Total Count**	**15-Yr Average**	**% Change from Average**	**Total Count**	**15-Yr Average**	**% Change from Average**	**Total Count**	**15-Yr Average**	**% Change from Average**	**Total Count**	**15-Yr Average**	**% Change from Average**	**Total Count**	**15-Yr Average**	**% Change from Average**
2009	156,955	995	848	17%	653	805	-19%	4,776	5,225	-9%	35	62	-44%	6,459	6,941.2	-7%
2010	155,100	873	848	3%	451	805	-44%	4,828	5,225	-8%	36	62	-42%	6,188	6,941.2	-11%
2011	155,710	899	848	6%	437	805	-46%	4,779	5,225	-9%	37	62	-41%	6,152	6,941.2	-11%
2012	156,455	1,050	848	24%	705	805	-12%	5,097	5,225	-2%	51	62	-18%	6,903	6,941.2	-1%
2013	157,770	1,006	848	19%	649	805	-19%	5,294	5,225	1%	42	62	-33%	6,991	6,941.2	1%
2014	159,265	765	848	-10%	655	805	-19%	5,726	5,225	10%	35	62	-44%	7,181	6,941.2	3%
2015	160,690	753	848	-11%	730	805	-9%	5,382	5,225	3%	26	62	-58%	6,891	6,941.2	-1%
2016	162,060	918	848	8%	654	805	-19%	5,261	5,225	1%	29	62	-54%	6,862	6,941.2	-1%
2017	163,480	991	848	17%	954	805	18%	5,985	5,225	15%	33	62	-47%	7,963	6,941.2	15%
2018	165,265	902	848	6%	890	805	11%	5,503	5,225	5%	55	62	-12%	7,350	6,941.2	6%
2019	167,395	747	848	-12%	978	805	21%	5,564	5,225	6%	47	62	-25%	7,336	6,941.2	6%
2020	175,535	694*	848	-18%	1,128*	805	40%	5,332*	5,225	2%	111*	62	78%	7,265*	6,941.2	5%
2021	177,694	702*	848	-17%	1,067	805	33%	5,141*	5,225	-2%	135	62	116%	7,045*	6,941.2	1%
2022	179,605	756*	848	-11%	1,212*	805	51%	5,090*	5,225	-3%	145*	62	132%	7,203*	6,941.2	4%
2023	182,726	675	848	-20%	915	805	14%	4,619	5,225	-12%	120	62	92%	6,329	6,941.2	-9%

***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**

Salem Crime Statistics: 15 Years in Review

RATE: PROPERTY CRIMES PER 100,000 POPULATION

Appendix 4

Year		Burglary			Motor Vehicle Theft			Larceny (All)			Arson			Total Property Crime		
	Population	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average	Rate per 100,000	15-Yr Average	% Change from Average
2009	156,955	634	518	22%	416	483	-14%	3,043	3,176	-4%	22	37	-39%	4,115	4,214	-2%
2010	155,100	563	518	9%	291	483	-40%	3,113	3,176	-2%	23	37	-37%	3,990	4,214	-5%
2011	155,710	577	518	11%	281	483	-42%	3,069	3,176	-3%	24	37	-35%	3,951	4,214	-6%
2012	156,455	671	518	29%	451	483	-7%	3,258	3,176	3%	33	37	-11%	4,412	4,214	5%
2013	157,770	638	518	23%	411	483	-15%	3,356	3,176	6%	27	37	-28%	4,431	4,214	5%
2014	159,265	480	518	-7%	411	483	-15%	3,595	3,176	13%	22	37	-40%	4,509	4,214	7%
2015	160,690	469	518	-10%	454	483	-6%	3,349	3,176	5%	16	37	-56%	4,288	4,214	2%
2016	162,060	566	518	9%	404	483	-16%	3,246	3,176	2%	18	37	-51%	4,234	4,214	0%
2017	163,480	606	518	17%	584	483	21%	3,661	3,176	15%	20	37	-45%	4,871	4,214	16%
2018	165,265	546	518	5%	539	483	12%	3,330	3,176	5%	33	37	-10%	4,447	4,214	6%
2019	167,395	446	518	-14%	584	483	21%	3,324	3,176	5%	28	37	-24%	4,382	4,214	4%
2020	175,535	395*	518	-24%	643*	483	33%	3,038*	3,176	-4%	63*	37	72%	4,139*	4,214	-2%
2021	177,694	395*	518	-24%	600	483	24%	2,893*	3,176	-9%	76	37	107%	3,965*	4,214	-6%
2022	179,605	421*	518	-19%	675*	483	40%	2,834*	3,176	-11%	81*	37	120%	4,010*	4,214	-5%
2023	182,726	369	518	-29%	501	483	4%	2,528	3,176	-20%	66	37	79%	3,464	4,214	-18%

***NOTE: Some totals vary from last year's report. These changes may be caused by: late crime reports, re-classified cases, NIBRS adjustments, court-ordered expungements, or other factors.**