



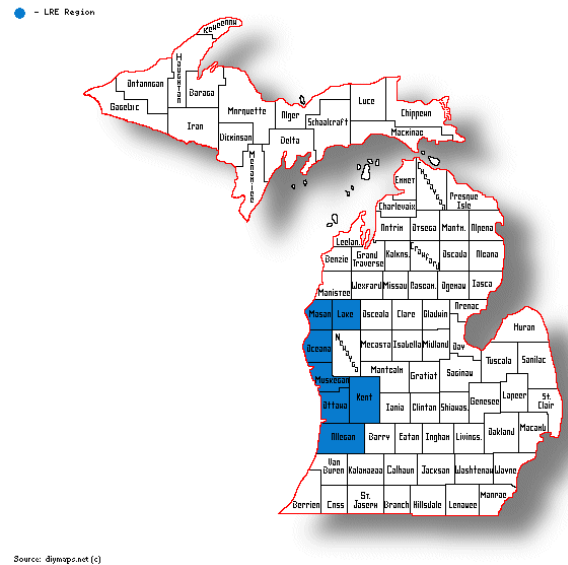
# Tobacco Sales Compliance Regional Analysis

LAKESHORE REGIONAL ENTITY

BY REFOCUS, L.L.C.

## Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

The Lakeshore Regional Entity (LRE) manages Medicaid, Michigan General Fund, and Substance Use Treatment Block Grant funding for Behavioral Health services in a seven-county region along the Lake Michigan shoreline in West Michigan. As a part of its mission, LRE supports county-level substance abuse prevention coalitions in each constituent county. A part of this support is provided through the “No Cigs For Our Kids” campaign, which focuses on educating tobacco vendors in the region regarding the importance of compliance with the Youth Tobacco Act. Funding enables substance abuse prevention coalitions in the region to work with local law enforcement agencies to ensure that tobacco sales establishments do not sell tobacco products to persons under age 21. These compliance checks have occurred in several of the region’s counties since 2011 and, since 2015, have occurred in each of the region’s seven counties. The purpose of this analysis is to utilize the data that each county has collected through the compliance check process to analyze results, find trends, make recommendations for improvements to the compliance check process, and ensure compliance with compliance check regulations (including the Synar Amendment of 1992 and Food and Drug Administration regulations). Among other standards, the Synar Regulations require that states conduct annual, unannounced inspections that provide a valid probability sample of tobacco sales outlets accessible to minors. The regulations also require that the non-compliance rate in the state be no more than twenty percent (20%). In 2022, Governor Gretchen Whitmer signed into Michigan law the Tobacco 21 legislation, which raised the minimum legal sale of tobacco products, vapor products, and alternative nicotine products from 18 to 21, in alignment with federal law. With this new law in place, persons acting as tobacco sales decoys can now be up to age 20 years. The chart below displays the LRE region’s tobacco sales compliance rate for both the Synar and non-Synar compliance checks combined.



	Checks Completed	Checks Compliant	Percent Compliant
Synar	42	38	90.5%
Non-Synar	413	376	91.0%
All Checks	455	414	<b>91.0%</b>

**Synar Compliance Checks:** Each year the Michigan Department of Health and Human Services (MDHHS) assigns to the LRE region a sample of tobacco retailers in the region to check for compliance with tobacco sales laws. The MDHHS also defines the compliance check procedures as well as the period of time during which the checks are to be completed. The chart below displays the results of these Synar checks. It shows that in 2024 the LRE compliance rate increased from the previous year to 90.5%. It also shows that the LRE compliance rate is slightly higher than Michigan’s overall compliance rate.

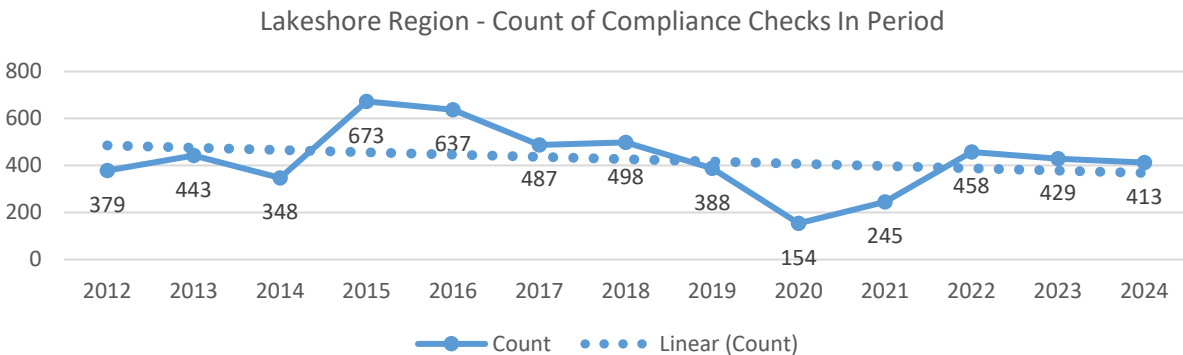
## Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

Year	Count Checks Assigned	Count Checks Completed	Count Checks Passed	LRE Compliance Rate	Michigan Compliance Rate
2023	51	49	41	83.7%	87%
2024	43	42	38	90.5%	86.70%

The chart below displays this same information broken down by county.

County	Count of Synar checks assigned	Count of Synar checks completed	Count Synar checks compliant	% checks compliant
Allegan	3	3	3	100.0%
Kent	20	20	17	85.0%
Lake	1	1	1	100.0%
Mason	0	0	0	N/A
Muskegon	7	6	6	100.0%
Oceana	2	2	2	100.0%
Ottawa	10	10	9	90.0%
LRE Region	43	42	38	90.48%

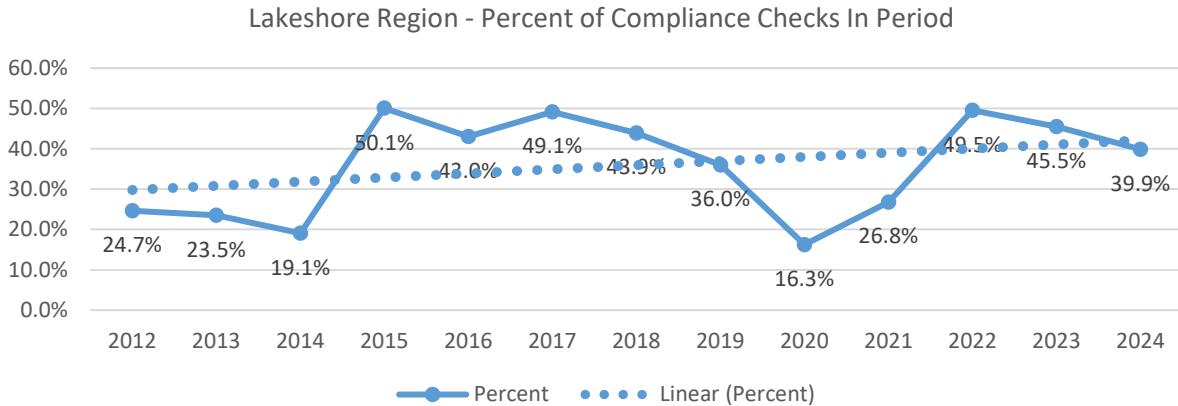
**Non-Synar Compliance Checks:** Non-Synar tobacco compliance checks are completed under regulations promulgated by the Food and Drug Administration (FDA). During these compliance checks the decoy is accompanied by a police officer and failures may result in written citations. This analysis includes all non-Synar compliance checks reported to the evaluators between fiscal years 2012 and 2024.



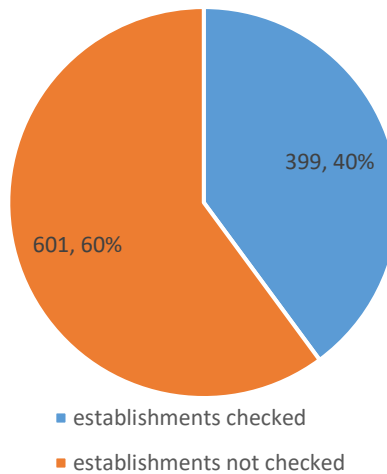
The graph above displays the total count of non-Synar compliance checks in the region. The solid blue line displays shifts in the actual number of non-Synar compliance checks completed during each fiscal year. The dotted blue line displays the trend across all years reported. It shows a decrease over time. There was a significant decrease in the count of compliance checks completed during fiscal years 2020 and 2021. This was the result of the impact of the COVID-19 pandemic. During 2021 four of the seven counties did not complete non-Synar compliance checks. The count of compliance checks rebounded in 2022 and has been steady since that time.

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

The graphs below display a different picture of the scope of compliance checks (see Attachment A for county and annual detail). They show the count and percentage of tobacco sales establishments checked. The first graph shows the trend over time. The percentage of tobacco-selling establishments checked hit a high of 50.1% in 2015. This year the percentage of establishments checked was 40%.

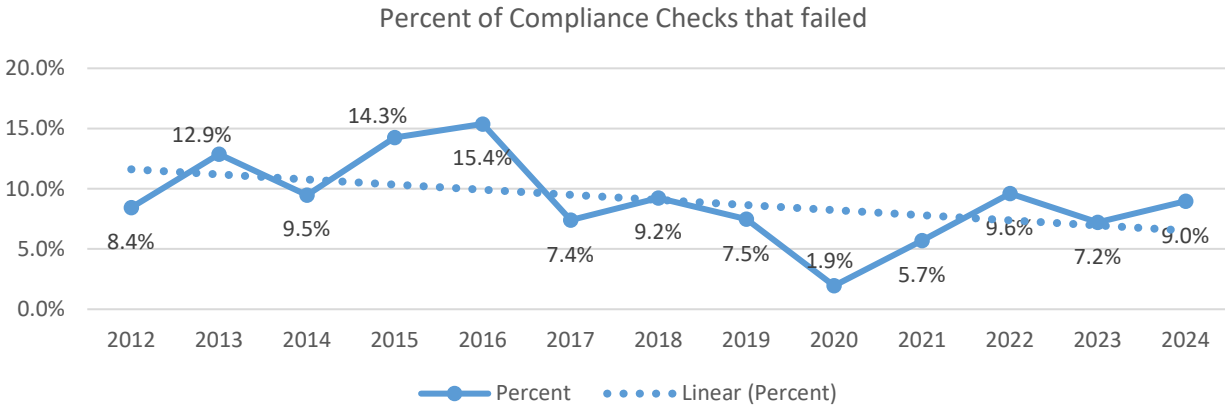


Percent of Tobacco Sales Establishments Checked in 2024

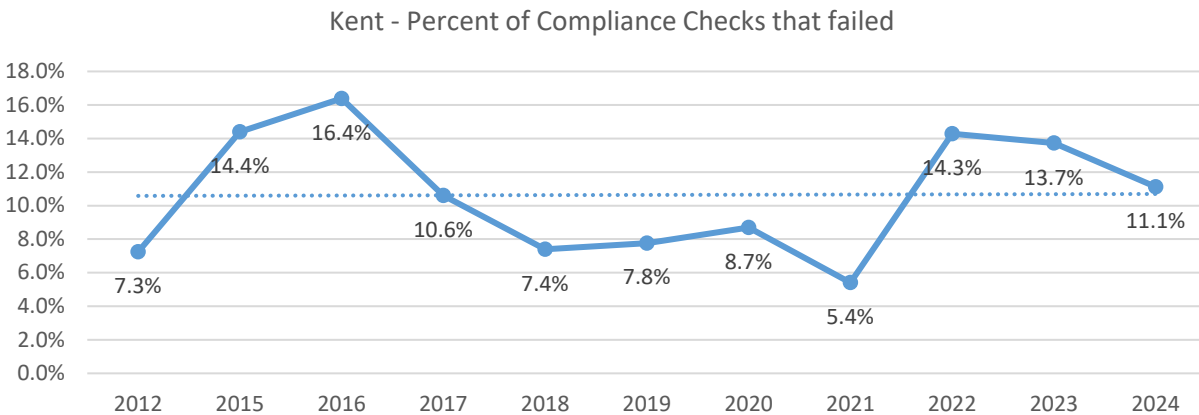
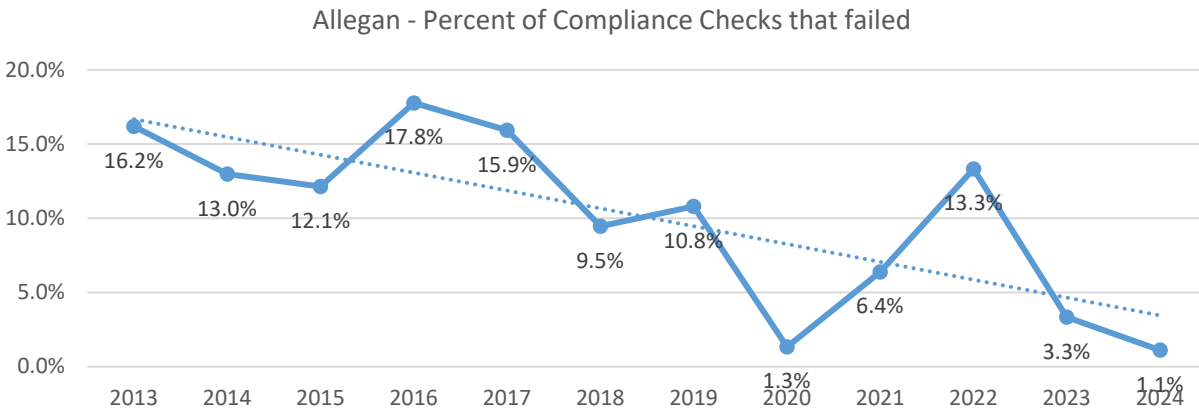


The graph below displays the percentage of non-Synar compliance checks reported per year in the LRE region that failed. Tobacco sales to minors has remained low since regional measurement began and has remained below 10% since 2017. The current percentage of compliance check fails is 9%.

### Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

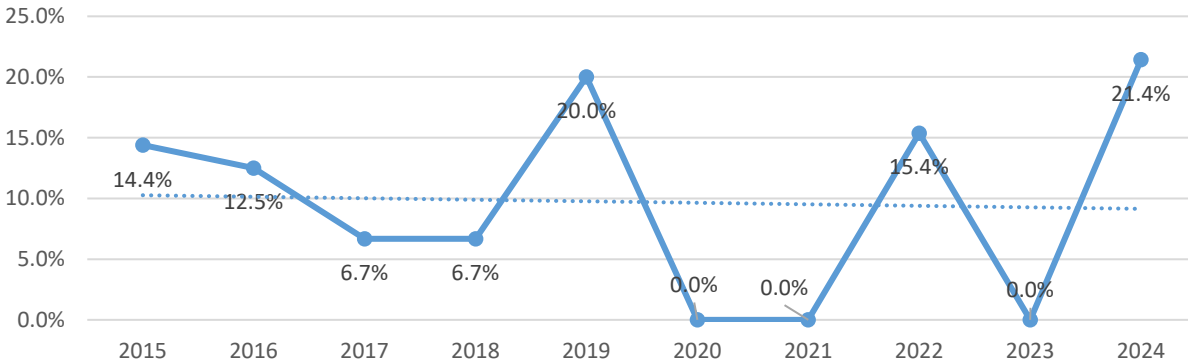


The graphs below display this same information for each county. In 2024 all counties in the LRE region (except Lake County) performed below the 20% compliance threshold established by the Synar Amendment. This fail rate is consistent with the annual rates since 2017 (excluding 2020 and 2021, which were affected by the COVID-19 pandemic).

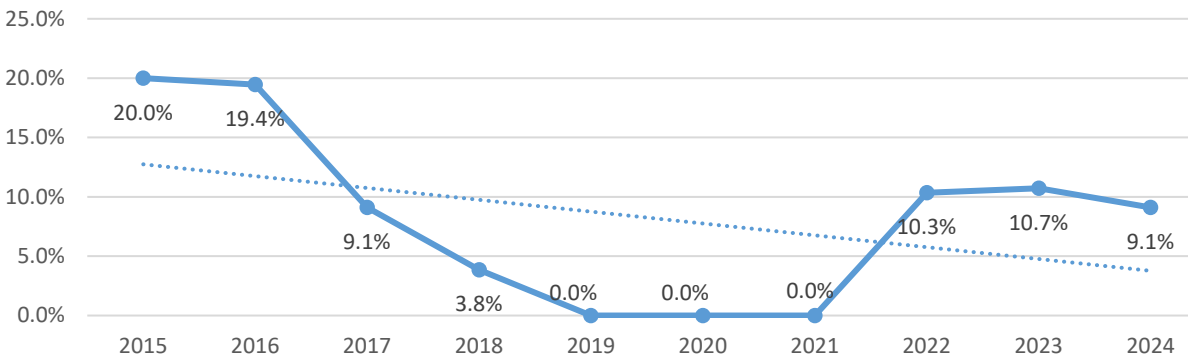


### Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

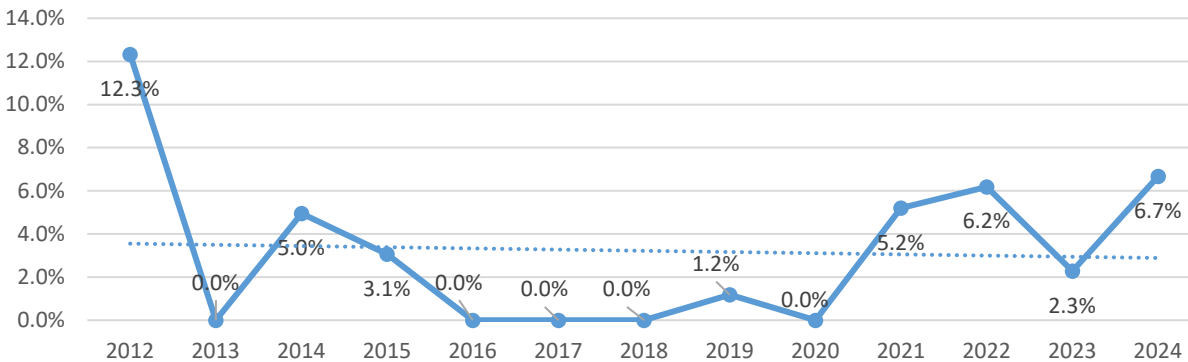
Lake - Percent of Compliance Checks that failed



Mason - Percent of Compliance Checks that failed

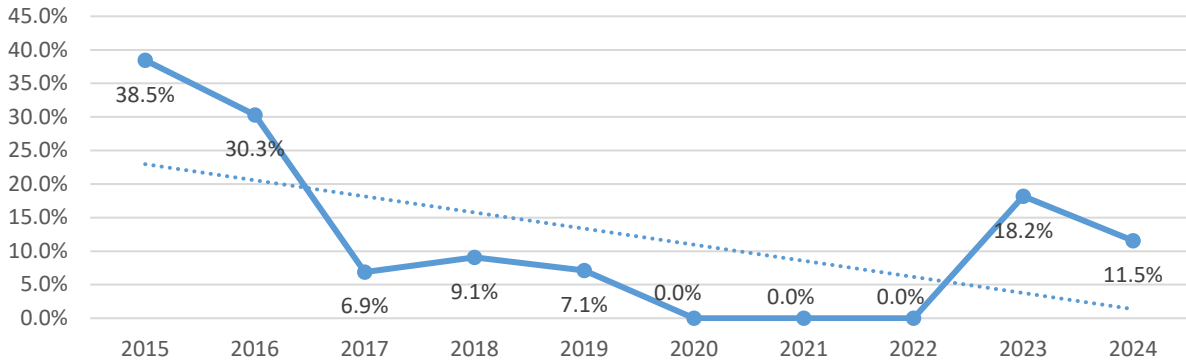


Muskegon - Percent of Compliance Checks that failed

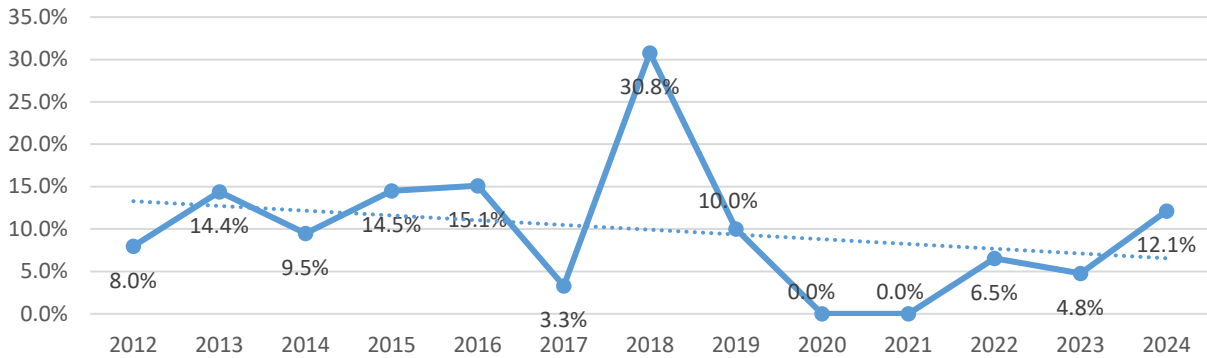


### Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

Oceana - Percent of Compliance Checks that failed



Ottawa - Percent of Compliance Checks that failed



The chart below displays information regarding the environmental conditions at the tobacco sales establishments that failed compliance checks in the LRE region in 2024 (see Attachment B for county-level data by year). This information uses the revised retail categories established by the State of Michigan in 2017. It shows that 35.5% of compliance check fails occurred at a gas station and 42% occurred in the category of “other” (predominantly convenience stores).

FY2024	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Kent	13	30.77%	0.00%	0.00%	0.00%	15.38%	0.00%	53.85%
Lake	3	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	66.67%
Mason	2	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%
Muskegon	3	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%
Oceana	3	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	66.67%
Ottawa	12	58.33%	0.00%	0.00%	0.00%	16.67%	8.33%	16.67%
LRE Region	37	35.14%	0.00%	0.00%	0.00%	16.22%	2.70%	45.95%

## Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

### ATTACHMENT A:

2024	County Population (2020 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	120502	93	0.77	88	94.6%	90	1.02	1	0.0083	1.1%
Kent	657974	487	0.74	116	23.8%	117	1.01	13	0.0198	11.1%
Lake	12096	17	1.41	13	76.5%	14	1.08	3	0.2480	21.4%
Mason	29052	31	1.07	21	67.7%	22	1.05	2	0.0688	9.1%
Muskegon	175824	163	0.93	44	27.0%	45	1.02	3	0.0171	6.7%
Oceana	26659	37	1.39	25	67.6%	26	1.04	3	0.1125	11.5%
Ottawa	296200	172	0.58	92	53.5%	99	1.08	12	0.0405	12.1%
LRE Region	1318307	1000	0.76	399	39.9%	413	1.04	37	0.0281	9.0%

2023	County Population (2020 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	120502	92	0.76	89	96.7%	90	1.01	3	0.0249	3.3%
Kent	657974	425	0.65	97	22.8%	102	1.05	14	0.0213	13.7%
Lake	12096	17	1.41	17	100.0%	17	1.00	0	0.0000	0.0%
Mason	29052	28	0.96	28	100.0%	28	1.00	3	0.1033	10.7%
Muskegon	175824	157	0.89	43	27.4%	44	1.02	1	0.0057	2.3%
Oceana	26659	36	1.35	22	61.1%	22	1.00	4	0.1500	18.2%
Ottawa	296200	168	0.57	124	73.8%	126	1.02	6	0.0203	4.8%
LRE Region	1318307	923	0.70	420	45.5%	429	1.02	31	0.0235	7.2%



**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2022</b>	County Population (2020 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	120502	97	0.87	95	97.9%	105	1.11	14	0.1257	13.3%
Kent	657974	433	0.72	109	25.2%	84	0.77	12	0.0199	14.3%
Lake	12096	19	1.65	15	78.9%	13	0.87	2	0.1733	15.4%
Mason	29052	39	1.36	29	74.4%	29	1.00	3	0.1045	10.3%
Muskegon	175824	152	0.88	95	62.5%	97	1.02	6	0.0348	6.2%
Oceana	26659	36	1.35	22	61.1%	23	1.05	0	0.0000	0.0%
Ottawa	296200	165	0.63	101	61.2%	107	1.06	7	0.0265	6.5%
LRE Region	1318307	941	0.77	466	49.5%	458	0.98	44	0.0362	9.6%

<b>FY2021</b>	County Population (2020 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	120502	98	0.88	94	95.9%	94	1.00	6	0.0539	6.4%
Kent	657974	443	0.74	74	16.7%	74	1.00	4	0.0066	5.4%
Lake	12096	19	1.65	0	0.0%	0	#DIV/0!	0	0.0000	#DIV/0!
Mason	29052	27	0.94	0	0.0%	0	#DIV/0!	0	0.0000	#DIV/0!
Muskegon	175824	64	0.37	59	92.2%	77	1.31	4	0.0232	5.2%
Oceana	26659	33	1.24	0	0.0%	0	#DIV/0!	0	0.0000	#DIV/0!
Ottawa	296200	163	0.62	0	0.0%	0	#DIV/0!	0	0.0000	#DIV/0!
LRE Region	1318307	847	0.70	227	26.8%	245	1.08	14	0.0115	5.7%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2020</b>	County Population (2010 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	111408	92	0.83	75	81.5%	75	1.00	1	0.0090	1.3%
Kent	602622	444	0.74	23	5.2%	23	1.00	2	0.0033	8.7%
Lake	11539	16	1.39	5	31.3%	5	1.00	0	0.0000	0.0%
Mason	28705	34	1.18	5	14.7%	5	1.00	0	0.0000	0.0%
Muskegon	172188	153	0.89	23	15.0%	23	1.00	0	0.0000	0.0%
Oceana	26570	32	1.20	9	28.1%	10	1.11	0	0.0000	0.0%
Ottawa	263801	170	0.64	13	7.6%	13	1.00	0	0.0000	0.0%
LRE Region	1216833	941	0.77	153	16.3%	154	1.01	3	0.0025	1.9%

<b>FY2019</b>	County Population (2010 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	111408	92	0.83	89	96.7%	111	1.25	12	0.11	10.8%
Kent	602622	443	0.74	100	22.6%	103	1.03	8	0.01	7.8%
Lake	11539	16	1.39	9	56.3%	10	1.11	2	0.17	20.0%
Mason	28705	34	1.18	15	44.1%	15	1.00	0	0.00	0.0%
Muskegon	172188	152	0.88	66	43.4%	85	1.29	1	0.01	1.2%
Oceana	26570	32	1.20	14	43.8%	14	1.00	1	0.04	7.1%
Ottawa	263801	168	0.64	44	26.2%	50	1.14	5	0.02	10.0%
LRE Region	1216833	937	0.77	337	36.0%	388	1.15	29	0.02	7.5%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2018</b>	County Population (2010 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	111408	91	0.82	71	78.0%	95	1.34	9	0.08	9.5%
Kent	602622	444	0.74	182	41.0%	230	1.26	17	0.03	7.4%
Lake	11539	16	1.39	15	93.8%	15	1.00	1	0.09	6.7%
Mason	28705	34	1.18	26	76.5%	26	1.00	1	0.03	3.8%
Muskegon	172188	149	0.87	43	28.9%	58	1.35	0	0.00	0.0%
Oceana	26570	32	1.20	22	68.8%	22	1.00	2	0.08	9.1%
Ottawa	263801	167	0.63	51	30.5%	52	1.02	16	0.06	30.8%
LRE Region	1216833	933	0.77	410	43.9%	498	1.21	46	0.04	9.2%

<b>FY2017</b>	County Population (2010 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked (Non-Synar)	Percent of Tobacco sales establishments checked	Count of Non-Synar Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	111408	90	0.81	68	75.6%	69	1.01	11	0.10	15.9%
Kent	602622	439	0.73	149	33.9%	151	1.01	16	0.03	10.6%
Lake	11539	16	1.39	14	87.5%	15	1.07	1	0.09	6.7%
Mason	28705	34	1.18	33	97.1%	33	1.00	3	0.10	9.1%
Muskegon	172188	151	0.88	73	48.3%	99	1.36	0	0.00	0.0%
Oceana	26570	32	1.20	29	90.6%	29	1.00	2	0.08	6.9%
Ottawa	263801	166	0.63	90	54.2%	91	1.01	3	0.01	3.3%
LRE Region	1216833	928	0.76	456	49.1%	487	1.07	36	0.03	7.4%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2016</b>	County Population (2010 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked	Percent of Tobacco sales establishments checked	Count of Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	111408	90	0.81	89	98.9%	135	1.52	24	0.22	17.8%
Kent	602622	536	0.89	193	36.0%	238	1.23	39	0.06	16.4%
Lake	11539	16	1.39	16	100.0%	16	1.00	2	0.17	12.5%
Mason	28705	31	1.08	30	96.8%	36	1.20	7	0.24	19.4%
Muskegon	172188	149	0.87	65	43.6%	73	1.12	0	0.00	0.0%
Oceana	26570	32	1.20	29	90.6%	33	1.14	10	0.38	30.3%
Ottawa	263801	362	1.37	101	27.9%	106	1.05	16	0.06	15.1%
LRE Region	1216833	1216	1.00	523	43.0%	637	1.22	98	0.08	15.4%

<b>FY2015</b>	County Population (2010 Census)	Count of Tobacco sales establishments	Tobacco sales establishments per 10,000 citizens	Count of Tobacco sales establishments checked	Percent of Tobacco sales establishments checked	Count of Compliance Checks	Ave Times Establishments were checked	Count of Failed Compliance Checks	Failed compliance checks per 10,000 citizens	Percent of compliance checks that failed
Allegan	111408	90	0.81	88	97.8%	107	1.22	13	0.12	12.1%
Kent	602622	536	0.89	262	48.9%	271	1.03	39	0.06	14.4%
Lake	11539	16	1.39	15	93.8%	15	1.00	3	0.26	20.0%
Mason	28705	31	1.08	32	103.2%	32	1.00	10	0.35	31.3%
Muskegon	172188	149	0.87	74	49.7%	98	1.32	3	0.02	3.1%
Oceana	26570	32	1.20	26	81.3%	26	1.00	10	0.38	38.5%
Ottawa	263801	362	1.37	112	30.9%	124	1.11	18	0.07	14.5%
LRE Region	1216833	1216	1.00	609	50.1%	673	1.11	96	0.08	14.3%

## Tobacco Compliance Checks Longitudinal Analysis, 2012-2024

### ATTACHMENT B:

FY2024	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Kent	13	30.77%	0.00%	0.00%	0.00%	15.38%	0.00%	53.85%
Lake	3	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	66.67%
Mason	2	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%
Muskegon	3	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%
Oceana	3	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	66.67%
Ottawa	12	58.33%	0.00%	0.00%	0.00%	16.67%	8.33%	16.67%
LRE Region	37	35.14%	0.00%	0.00%	0.00%	16.22%	2.70%	45.95%

FY2023	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	3	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%
Kent	14	35.71%	0.00%	0.00%	0.00%	14.29%	14.29%	35.71%
Lake	0	-	-	-	-	-	-	-
Mason	3	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%
Muskegon	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Oceana	4	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	75.00%
Ottawa	6	16.67%	16.67%	0.00%	0.00%	0.00%	0.00%	66.67%
LRE Region	31	35.48%	3.23%	0.00%	0.00%	6.45%	9.68%	45.16%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2022</b>	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	14	21.43%	0.00%	7.14%	0.00%	42.86%	0.00%	28.57%
Kent	12	83.33%	0.00%	0.00%	0.00%	8.33%	0.00%	50.00%
Lake	2	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%
Mason	3	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%
Muskegon	6	16.67%	16.67%	0.00%	0.00%	33.33%	0.00%	33.33%
Oceana	0	-	-	-	-	-	-	-
Ottawa	7	57.14%	0.00%	14.29%	0.00%	0.00%	0.00%	28.57%
LRE Region	44	43.18%	2.27%	4.55%	0.00%	22.73%	0.00%	38.64%

<b>FY2021</b>	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	6	33.33%	0.00%	0.00%	0.00%	16.67%	0.00%	50.00%
Kent	4	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	75.00%
Lake	0	-	-	-	-	-	-	-
Mason	0	-	-	-	-	-	-	-
Muskegon	4	50.00%	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%
Oceana	0	-	-	-	-	-	-	-
Ottawa	0	-	-	-	-	-	-	-
LRE Region	14	28.57%	0.00%	7.14%	0.00%	14.29%	0.00%	50.00%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2020</b>	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kent	2	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%
Lake	0	-	-	-	-	-	-	-
Mason	0	-	-	-	-	-	-	-
Muskegon	0	-	-	-	-	-	-	-
Oceana	0	-	-	-	-	-	-	-
Ottawa	0	-	-	-	-	-	-	-
LRE Region	2	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	33.00%

<b>FY2019</b>	Count of Failed Compliance Checks	Of Fails, Percent at Gas Station	Of Fails, Percent at Tobacco Store	Of Fails, Percent at Restaurant	Of Fails, Percent at Hotel	Of Fails, Percent at Grocery Store	Of Fails, Percent at Drug Store	Of Fails, Percent at Other
Allegan	12	25.00%	0.00%	0.00%	0.00%	25.00%	0.00%	50.00%
Kent	8	25.00%	0.00%	0.00%	0.00%	0.00%	50.00%	25.00%
Lake	2	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%
Mason	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Muskegon	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Oceana	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Ottawa	5	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.00%
LRE Region	29	31.03%	0.00%	0.00%	0.00%	10.34%	13.79%	44.83%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2018</b>	Count of Failed Compliance Checks	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Allegan	9	11.11%	11.11%	66.67%	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%
Kent	17	11.76%	47.06%	29.41%	0.00%	0.00%	11.76%	0.00%	0.00%	0.00%	0.00%
Lake	1	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mason	1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Muskegon	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oceana	2	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ottawa	16	25.00%	37.50%	62.50%	0.00%	0.00%	6.25%	0.00%	6.25%	0.00%	0.00%
LRE Region	46	15.22%	36.96%	50.00%	0.00%	0.00%	19.57%	0.00%	2.17%	0.00%	0.00%

<b>FY2017</b>	Count of Failed Compliance Checks	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Allegan	11	27.27%	18.18%	45.45%	9.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kent	16	6.25%	25.00%	62.50%	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%
Lake	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mason	3	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Muskegon	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oceana	2	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ottawa	3	0.00%	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LRE Region	35	14.29%	34.29%	51.43%	2.86%	0.00%	0.00%	0.00%	0.00%	2.86%	0.00%



**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2016</b>	Count of Failed Compliance Checks	Of Fails, Count where clerk was male	Of Fails, Percent where clerk was male	Of Fails, Percent where clerk was female	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Allegan	24	17	70.83%	29.17%	25.00%	20.83%	50.00%	0.00%	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%
Kent	39	4	10.26%	89.74%	2.56%	25.64%	46.15%	0.00%	0.00%	10.26%	0.00%	0.00%	0.00%	0.00%
Lake	2	2	100.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mason	7	6	85.71%	14.29%	14.29%	14.29%	57.14%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
Muskegon	0		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/a
Oceana	10	8	80.00%	20.00%	20.00%	20.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ottawa	16	7	43.75%	56.25%	0.00%	25.00%	62.50%	0.00%	0.00%	0.00%	0.00%	6.25%	0.00%	6.25%
LRE Region	98	44	44.90%	55.10%	10.20%	23.47%	52.04%	0.00%	0.00%	4.08%	0.00%	3.06%	0.00%	1.02%

<b>FY2015</b>	Count of Failed Compliance Checks	Of Fails, Count where clerk was male	Of Fails, Percent where clerk was male	Of Fails, Percent where clerk was female	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Allegan	13	9	69.23%	30.77%	15.38%	23.08%	61.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Kent	39	18	46.15%	53.85%	10.26%	30.77%	51.28%	0.00%	0.00%	5.13%	0.00%	0.00%	0.00%	0.00%
Lake	3		0.00%	100.00%	0.00%	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mason	10		0.00%	100.00%	30.00%	40.00%	30.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Muskegon	3		0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Oceana	10		0.00%	100.00%	30.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%
Ottawa	18	6	33.33%	66.67%	11.11%	27.78%	61.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LRE Region	96	33	34.38%	65.63%	14.58%	32.29%	47.92%	0.00%	0.00%	2.08%	0.00%	0.00%	0.00%	2.08%

**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

<b>FY2014</b>	Count of Failed Compliance Checks	Of Fails, Count where clerk was male	Of Fails, Percent where clerk was male	Of Fails, Percent where clerk was female	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Allegan	17	14	82.35%	17.65%	0.00%	17.65%	82.35%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Muskegon	5		0.00%	100.00%	0.00%	20.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ottawa	11	4	36.36%	63.64%	0.00%	27.27%	72.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LRE Region	33	18	54.55%	45.45%	0.00%	21.21%	78.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

<b>FY2013</b>	Count of Failed Compliance Checks	Of Fails, Count where clerk was male	Of Fails, Percent where clerk was male	Of Fails, Percent where clerk was female	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Allegan	23	17	73.91%	26.09%	4.35%	34.78%	60.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ottawa	34	19	55.88%	44.12%	2.94%	17.65%	73.53%	0.00%	0.00%	0.00%	0.00%	2.94%	2.94%	0.00%
LRE Region	57	36	63.16%	36.84%	3.51%	24.56%	68.42%	0.00%	0.00%	0.00%	0.00%	1.75%	1.75%	0.00%

<b>FY2012</b>	Count of Failed Compliance Checks	Of Fails, Count where clerk was male	Of Fails, Percent where clerk was male	Of Fails, Percent where clerk was female	Of Fails, Percent at Grocery Store	Of Fails, Percent at Convenience Store	Of Fails, Percent at Gas Station	Of Fails, Percent at Restaurant	Of Fails, Percent at Bar/Lounge	Of Fails, Percent at Pharmacy	Of Fails, Percent at Bowling Alley	Of Fails, Percent at Liquor Store	Of Fails, Percent at Tobacco Store/Shop	Of Fails, Percent at Retail/Dept. Store
Kent	14		0.00%	100.00%	7.14%	35.71%	35.71%	7.14%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%
Muskegon	9		0.00%	100.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ottawa	9	5	55.56%	44.44%	0.00%	22.22%	44.44%	0.00%	0.00%	11.11%	0.00%	22.22%	0.00%	0.00%
LRE Region	32	5	15.63%	84.38%	3.13%	31.25%	46.88%	3.13%	0.00%	3.13%	0.00%	12.50%	0.00%	0.00%

**ATTACHMENT C: Non-Synar Infographic**



**Tobacco Compliance Checks Longitudinal Analysis, 2012-2024**

**ATTACHMENT D: Synar Infographic**

