Trend Report

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Report Title:	2023 Vehicle Theft Trend Report	**Report Type:**	Vehicle
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Executive Summary

The National Insurance Crime Bureau (NICB) conducted an analysis of the 1,020,729 vehicle thefts reported to law enforcement through the National Crime Information Center (NCIC) in 2023. The analysis includes all vehicle thefts entered into NCIC with a date of theft between 1/1/2023 and 12/31/2023. The intent of this report is to assist and engage stakeholders in an exploration of vehicle theft trends that they may find operationally relevant.

Overall, vehicle thefts have increased 1% nationwide from 2022 to 2023. In 2023, thefts were the lowest in February and rose steadily until they peaked in July with 94,621 vehicles reported stolen. Vehicle thefts decreased 16% from July to 79,350 thefts in December.

California accounted for the highest number of vehicle thefts nationwide in 2023 with 208,668 vehicles reported stolen. The District of Columbia and Maryland each saw a drastic rise in thefts in 2023, with a theft percentage increase of 64% and 63% respectively. The District of Columbia also had the highest theft rate across the nation in 2023 with 1,149.71 thefts per 100,000 people.

Consistent with previously published NICB quarterly trend reports, the Los Angeles-Long Beach-Anaheim, CA Core-Based Statistical Area (CBSA) had the highest overall number of vehicle thefts with 72,460 vehicles reported stolen to law enforcement. Among the top 10 CBSAs by volume, Washington-Arlington-Alexandria, DC-VA-MD-WV had the highest theft percentage increase from 2022 to 2023 at 52%. The Memphis, TN-MS-AR CBSA had the highest theft rate with 1,075.20 thefts per 100,000 people. Houston, TX remains the city with the highest number of thefts in 2023, with 26,227 vehicles reported stolen. However, thefts in Oakland, CA displayed the highest theft percentage increase among the top 10 theft cities, with 59% more vehicles reported stolen than in the previous year.

Hyundai and Kia vehicles dominated the top 10 vehicle makes and models stolen in 2023. The Hyundai Elantra had the highest number of thefts, with 48,445 vehicles reported stolen. Full-size pickups including the Chevrolet Silverado 1500 and Ford F150 were also included among the top 10 stolen makes and models in 2023.

Accompanying NICB's analysis of vehicle theft trends at the state, CBSA, and city levels is a collection included in an appendix of more granular analyses that highlight trends in areas of interest in each NICB region. These additional studies were conducted in order to aid in the strategic decisions of our stakeholders that may have a greater geographical and operational interest in areas outside of the top 10 states, CBSAs, and cities.

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Section 1: Introduction

The following report analyzes the total number of vehicle thefts reported to law enforcement in 2023. This information was extracted from a mirror image of the National Crime Information Center's (NCIC) vehicle theft file. In addition to a temporal analysis of the vehicle thefts by month and an analysis by make and model, NICB has also included sections dedicated to the geographical analysis of theft totals by state, CBSAs, and cities. Additional geographical analysis by NICB Region is available in Appendix I.

Section 2: National Overview

There were 1,020,729 vehicle thefts reported to law enforcement in 2023, a 1% increase from the number of thefts reported in 2022. Further analysis of the overall vehicle theft rate based on Census Bureau population data identified that there were approximately 303.34 thefts per 100,000 people across the nation in 2023.

2022 Thefts	2023 Thefts	Theft Percentage Change 2022 to 2023
1,008,756	1,020,729	1%

Vehicle theft rates in 2023 followed a similar trend to 2022 theft rates where reported thefts increased during the first half of the year and decreased in the second half.

- Vehicle thefts steadily increased 25% from 75,980 thefts in February, to 94,621 when thefts peaked in July.
- Theft numbers fell gradually during the last two quarters of 2023, decreasing 16% from 94,621 thefts in July to 79,350 in December.
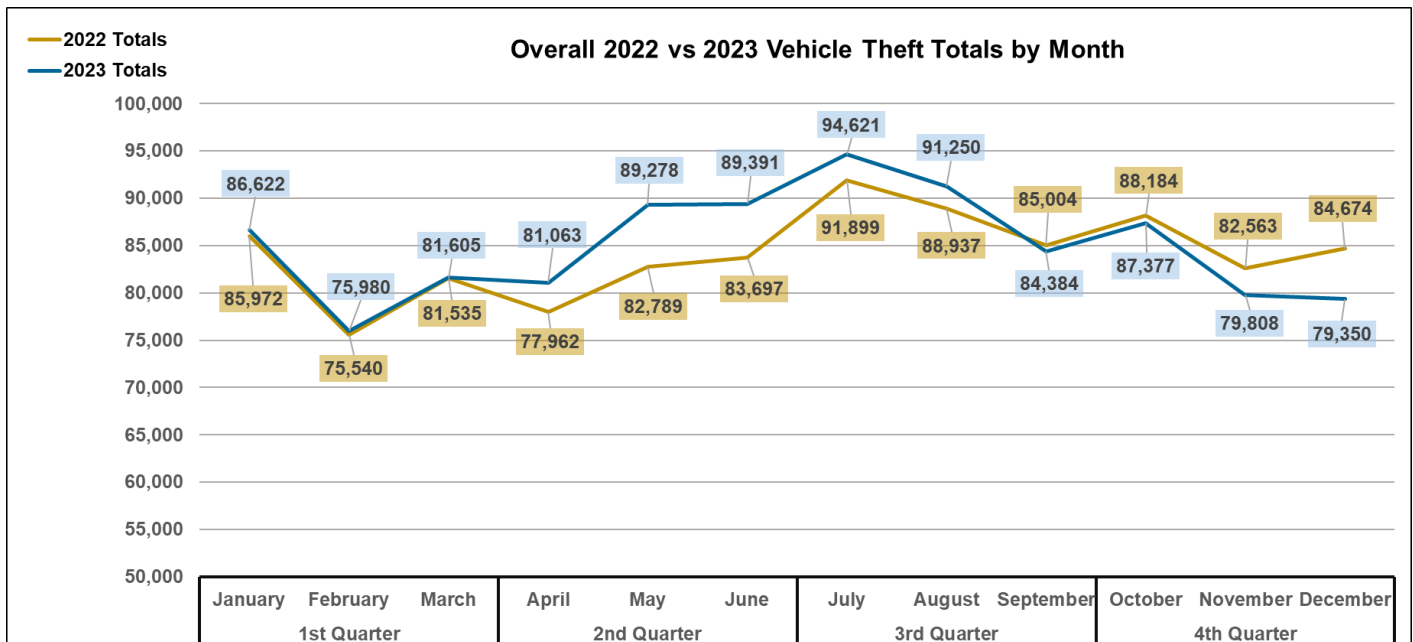
Analyst Note: Because the NCIC vehicle theft file is a dynamic dataset, the actual values from the historical data analyzed for this report fluctuate regularly. Therefore, the actual values in this report may not exactly match values from other NICB reports.

Section 3: Top 10 States

Top 10 States by Volume		
#	State	2023 Theft
1	California	208,668
2	Texas	115,013
3	Florida	46,213
4	Washington	43,160
5	Illinois	41,528
6	Colorado	34,068
7	New York	32,715
8	Ohio	31,647
9	Georgia	28,171
10	Missouri	27,279

Top 10 States by Theft Rate		
#	State	2023 Thefts Per 100,000 People
1	District of Columbia	1,149.71
2	Colorado	583.25
3	Nevada	572.70
4	Washington	554.44
5	California	534.49
6	New Mexico	489.67
7	Missouri	441.61
8	Maryland	427.99
9	Oregon	394.14
10	Texas	383.00

Top 10 States by Percent Increase		
#	State	Percent Change 2022 to 2023
1	District of Columbia	64%
2	Maryland	63%
3	Connecticut	33%
4	Nevada	18%
5	Massachusetts	16%
6	Delaware	15%
7	New York	15%
8	Pennsylvania	13%
9	Nebraska	12%
10	Louisiana, North Carolina, & Tennessee	10%

- The top ten states by volume have remained consistent in each quarterly publication of this report in 2023.

- California had the most overall vehicle thefts by volume with 208,668 thefts.

- Texas and Florida were ranked the second and third theft state by volume with 115,013 and 46,213 stolen vehicles reported, respectively.

- Five of the states included in the top 10 theft states by volume also appeared in the top 10 list states with the highest theft rates: California, Texas, Washington, Colorado, and Missouri.

- The District of Columbia had the highest overall rate of theft per 100,000 people in 2023 with 1,149.71, over three times the national theft rate.

- The District of Columbia also had the highest theft percentage increase with 64% more thefts reported in 2023 than in 2022, followed by nearby Maryland with a 63% theft increase.

- The District of Columbia, Nevada, and Maryland each ranked within the top 10 theft states by theft rate as well as the top 10 states by theft percentage increase.

- New York is the only state featured in the top 10 states with the highest number of thefts by volume as well as the top 10 states with the highest theft percentage increase from 2022 to 2023.

An analysis of all 50 states and the District of Columbia determined that 24 states had percentage increases in vehicle thefts from 2022 to 2023, while 27 had theft percentage decreases.

- States in the NICB Northwest region, excluding Alaska, had a theft percentage decrease in thefts in 2023 (additional analysis by NICB Region is available in Appendix I).

- Utah and Oregon had the highest theft percentage decreases from 2022 to 2023 with 28% and 27% decreases, respectively.

- Wisconsin followed with a 21% decrease in vehicle thefts in 2023.

Theft Percentage Change 2022-2023
- Increase
- Decrease
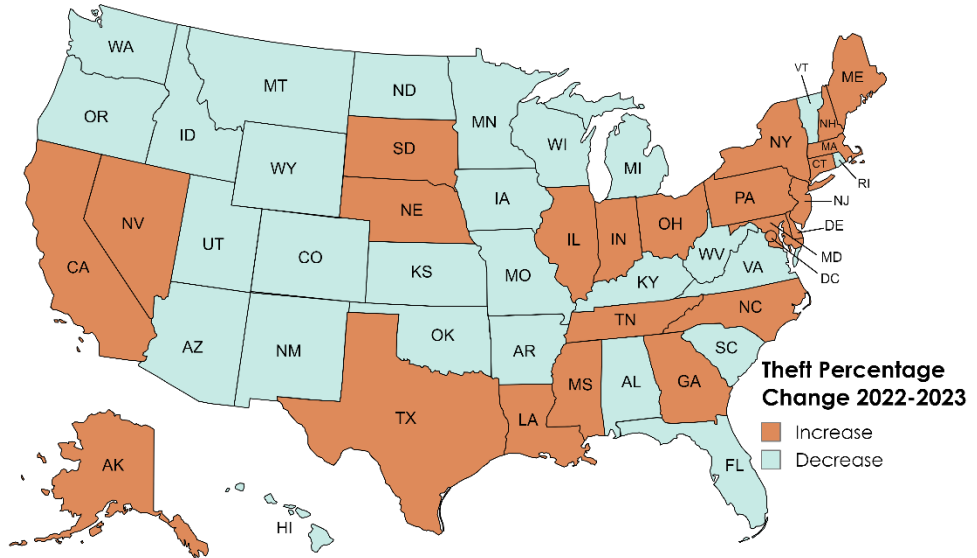
Section 4: Top 10 CBSAs

The top 10 CBSAs with the highest number of vehicle thefts by volume in 2023 accounted for 35% of all vehicles reported stolen to law enforcement that year, with an overall total of 355,834.

#	CBSA	2023 Thefts	Percent Change 2022 to 2023
	Top 10 CBSAs by Volume		
1	Los Angeles-Long Beach-Anaheim, CA	72,460	-0.5%
2	San Francisco-Oakland-Berkeley, CA	40,977	28%
3	Chicago-Naperville-Elgin, IL-IN-WI	36,272	9%
4	Houston-The Woodlands-Sugar Land, TX	35,119	7%
5	Dallas-Fort Worth-Arlington, TX	34,135	13%
6	New York-Newark-Jersey City, NY-NJ-PA	33,596	6%
7	Seattle-Tacoma-Bellevue, WA	31,328	2%
8	Denver-Aurora-Lakewood, CO	24,489	-22%
9	Washington-Arlington-Alexandria, DC-VA-MD-WV	24,119	52%
10	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	23,339	19%

- Los Angeles-Long Beach-Anaheim, CA had the highest number of overall thefts in 2023 with 72,460 vehicles reported as stolen to law enforcement, despite having a slight decrease in thefts from the 72,794 reported in the prior year (-0.5%).

- Of the top 10 CBSAs by theft volume in 2023, Denver-Aurora-Lakewood, CO had the highest theft percentage decrease from 2022 of -22%, while Washington-Arlington-Alexandria, DC-VA-MD-WV had the highest increase of 52%.

Three CBSAs ranked in the top 10 CBSAs by volume in 2023 also ranked in the top 10 CBSAs by theft rate: San Francisco-Oakland-Berkely, CA; Denver-Aurora-Lakewood, CO; and Seattle-Tacoma-Bellevue, WA.

#	Top 10 CBSAs by Theft Rate	
	CBSA	**2023 Thefts Per 100,000 People**
1	Memphis, TN-MS-AR	1,075.20
2	Pueblo, CO	972.61
3	Bakersfield, CA	971.72
4	San Francisco-Oakland-Berkeley, CA	894.77
5	Denver-Aurora-Lakewood, CO	820.16
6	Seattle-Tacoma-Bellevue, WA	776.55
7	Albuquerque, NM	705.79
8	Las Vegas-Henderson-Paradise, NV	692.82
9	San Antonio-New Braunfels, TX	642.86
10	Kansas City, MO-KS	631.50

- The Memphis, TN-MS-AR CBSA had the highest theft rate in 2023 with 1,075.20 thefts per 100,000 people, over triple the national theft rate of 303.34 thefts per 100,000 people.

Section 5: Top 10 Cities

As reported in previous years, Houston, TX remained the city with the most overall thefts reported in 2023, with 26,227 vehicles reported stolen.

Top 10 Vehicle Theft Totals by City 2023

City	Thefts
Houston, TX	26,227
Chicago, IL	24,189
Los Angeles, CA	22,116
New York, NY	16,777
Philadelphia, PA	15,664
San Antonio, TX	15,521
Dallas, TX	15,334
Oakland, CA	13,586
Memphis, TN	12,723
Las Vegas, NV	12,121
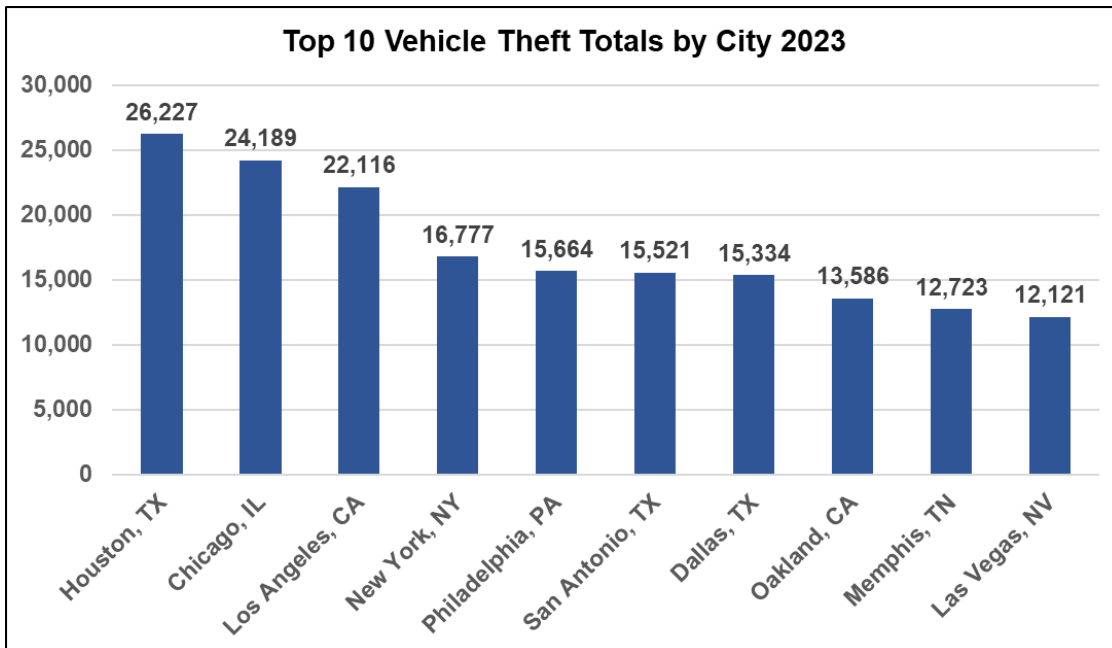
Top 10 Cities by Volume			
#	City	2023 Thefts	Percent Change 2022 to 2023
1	Houston, TX	26,227	8%
2	Chicago, IL	24,189	12%
3	Los Angeles, CA	22,116	2%
4	New York, NY	16,777	12%
5	Philadelphia, PA	15,664	22%
6	San Antonio, TX	15,521	18%
7	Dallas, TX	15,334	18%
8	Oakland, CA	13,586	59%
9	Memphis, TN	12,723	28%
10	Las Vegas, NV	12,121	17%

- The top 10 cities collectively account for 17% of all 2023 thefts nationwide, with an overall total of 174,258 vehicles reported stolen.

- In 2023, Oakland, CA and Memphis, TN replaced two of the top 10 cities from 2022: Denver, CO and Portland, OR.

- Oakland, CA had the largest theft percentage increase of the top 10 cities, with a 59% increase in thefts in 2023 from the prior year.

Section 6: Top 10 Vehicle Makes and Models

Hyundai and Kia vehicle models dominate the top 10 list of vehicle makes and models stolen in 2023, accounting for six of the spots. Thefts of these particular vehicles are likely still driven by social media trends that demonstrated how thieves could steal them quickly and easily. The Chevrolet Silverado 1500 ranked fourth with 23,721 thefts in 2023, followed by another pickup truck in the ninth spot with 15,852 thefts: the Ford F150 Series Pickup.

| Top 10 Vehicle Makes & Models Stolen			
#	Vehicle Make	Vehicle Model	2023 Thefts
1	Hyundai	Elantra	48,445
2	Hyundai	Sonata	42,813
3	Kia	Optima	30,204
4	Chevrolet	Silverado 1500	23,721
5	Kia	Soul	21,001
6	Honda	Accord	20,895
7	Honda	Civic	19,858
8	Kia	Forte	16,209
9	Ford	F150 Series Pickup	15,852
10	Kia	Sportage	15,749

Section 6: Conclusion

Though trends can vary from region to region, NICB's analysis of vehicle theft totals in the U.S. indicates that there has been a 1% increase in thefts nationwide when comparing 2023 to 2022. To further examine this increase, a detailed geographical analysis was conducted. The goal of this analysis was to direct stakeholders to locations where vehicle thefts were highest by volume or were rising rapidly, as it is likely that trends in these areas have a substantial effect on theft trends in their regions as a whole.

Included in this analysis was a study of the top 10 states, CBSAs, and cities with the greatest number of vehicle thefts. This analysis identified that vehicle thefts have increased in the majority of the top 10 states, CBSAs, and cities, paralleling the upward trend in vehicle theft activity being experienced throughout the country.

Additional analysis provided in Appendix I was conducted with a focus on regional trends. Though many of the trends identified in the regional analyses reflect the overall increase in vehicle thefts nationwide, in some states, such as Utah and Oregon, vehicle thefts have decreased statewide, as well as in notable CBSAs and cities in each of these states. The goal of this regional analysis was to provide stakeholders with an examination of trends that may be more operationally relevant to them than the findings of the analyses focused on the top 10 states, CBSAs, and cities. Lastly, this analysis was meant to encourage further strategic cooperation between stakeholders in these areas.

Appendix I: NICB Regional Quarterly Statistics

The following appendix provides summarized statistics of the states and top CBSAs by each NICB Region.
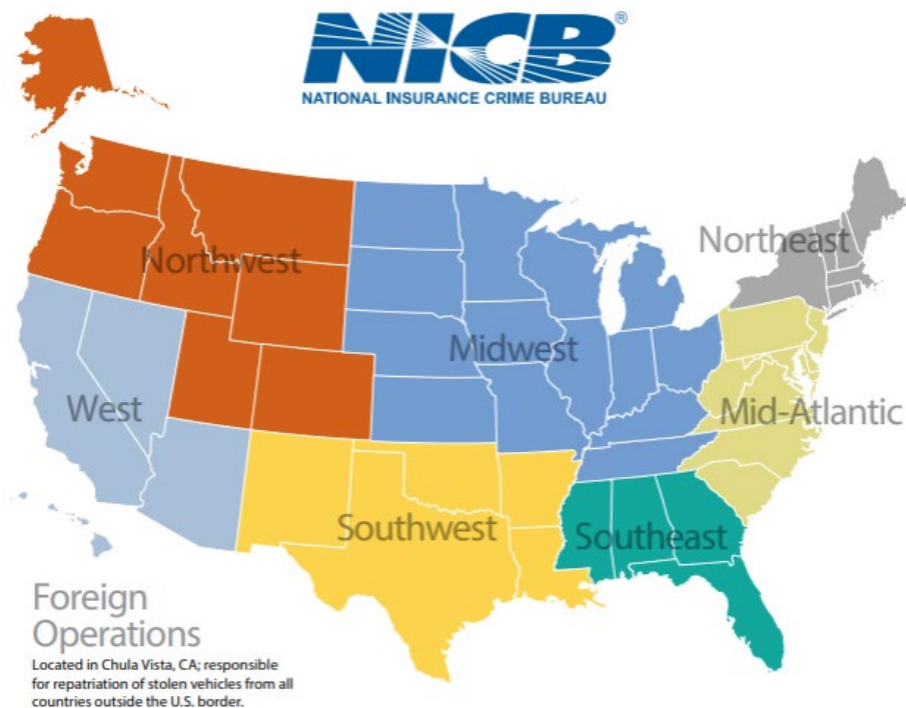
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NICB Mid-Atlantic Region

Mid-Atlantic Region: Thefts by State			
State	**2023 Total**	**Thefts Per 100,000 People**	**Percent Change 2022-2023**
Delaware	2,181	213.94	15%
District of Columbia	7,714	1,149.71	64%
Maryland	26,381	427.99	63%
New Jersey	17,113	184.79	6%
North Carolina	26,165	244.62	10%
Pennsylvania	25,665	197.85	13%
South Carolina	14,324	271.14	-8%
Virginia	14,157	163.12	-2%
West Virginia	1,877	105.80	-9%

Mid-Atlantic Region: Thefts by CBSA					
		CBSA	**2023 Total**	**Thefts Per 100,000 People**	**Percent Change 2022-2023**
Top 3 CBSA Thefts by Volume	1	Washington-Arlington-Alexandria, DC-VA-MD-WV	24,119	378.41	52%
	2	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	23,339	373.95	19%
	3	Baltimore-Columbia-Towson, MD	13,073	461.02	67%
Top 3 CBSA Per Capita*	1	Baltimore-Columbia-Towson, MD	13,073	461.02	67%
	2	Washington-Arlington-Alexandria, DC-VA-MD-WV	24,119	378.41	52%
	3	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	23,339	373.95	19%
Top 3 CBSA Percent Change*	1	Baltimore-Columbia-Towson, MD	13,073	461.02	67%
	2	Washington-Arlington-Alexandria, DC-VA-MD-WV	24,119	378.41	52%
	3	Durham-Chapel Hill, NC	2,245	337.94	45%

* of CBSAs with Over 1,000 Vehicle Thefts in 2023

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NICB Midwest Region

Midwest Region: Thefts by State			
State	**2023 Total**	**Thefts Per 100,000 People**	**Percent Change 2022-2023**
Illinois	41,528	330.05	7%
Indiana	15,785	231.04	1%
Iowa	4,730	147.83	-13%
Kansas	8,289	282.25	-5%
Kentucky	10,168	225.38	-2%
Michigan	25,272	251.88	-2%
Minnesota	14,271	249.74	-20%
Missouri	27,279	441.61	-7%
Nebraska	5,698	289.52	12%
North Dakota	1,449	186.03	-18%
Ohio	31,647	269.11	5%
South Dakota	2,485	273.12	9%
Tennessee	26,304	373.16	10%
Wisconsin	9,332	158.42	-21%

Midwest Region: Thefts by CBSA				
	CBSA	**2023 Total**	**Thefts Per 100,000 People**	**Percent Change 2022-2023**
Top 3 CBSA Thefts by Volume	1 Chicago-Naperville-Elgin, IL-IN-WI	36,272	384.16	9%
	2 Detroit-Warren-Dearborn, MI	17,140	394.41	0.1%
	3 Kansas City, MO-KS	13,953	631.50	11%
Top 3 CBSA Per Capita*	1 Memphis, TN-MS-AR[1]	13,193	1,291.33	27%
	2 Kansas City, MO-KS	13,953	631.50	11%
	3 Louisville/Jefferson County, KY-IN	6,256	487.02	9%
Top 3 CBSA Percent Change*	1 Memphis, TN-MS-AR	13,193	990.24	27%
	2 Omaha-Council Bluffs, NE-IA	4,637	474.78	22%
	3 Cincinnati, OH-KY-IN	5,246	231.61	20%

* of CBSAs with Over 1,000 Vehicle Thefts in 2023

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[1] This CBSA expands across multiple NICB regions. It should be noted that these numbers only represent the population and vehicle thefts that took place within the Midwest Region, thus excluding data from the Mississippi and Arkansas geographic areas that this CBSA is comprised of. A total representation of the theft rate per capita for the entire geographic area of this CBSA can be found in the Theft Rate table in Section 4 of this report.

NICB Southwest Region

Southwest Region: Thefts by State			
State	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Arkansas	7,172	235.43	-14%
Louisiana	15,192	331.12	10%
New Mexico	10,349	489.67	-9%
Oklahoma	10,157	252.71	-14%
Texas	115,013	383.00	9%

Southwest Region: Thefts by CBSA					
		CBSA	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Top 3 CBSA Thefts by Volume	1	Houston-The Woodlands-Sugar Land, TX	35,119	478.45	7%
	2	Dallas-Fort Worth-Arlington, TX	34,135	429.71	13%
	3	San Antonio-New Braunfels, TX	17,070	642.86	17%
Top 3 CBSA Per Capita*	1	Albuquerque, NM	6,490	705.79	-11%
	2	San Antonio-New Braunfels, TX	17,070	642.86	17%
	3	New Orleans-Metairie, LA	7,002	561.88	21%
Top 3 CBSA Percent Change*	1	El Paso, TX	2,587	296.61	32%
	2	Killeen-Temple, TX	1,073	216.23	23%
	3	McAllen-Edinburg-Mission, TX	1,463	164.68	21%

of CBSAs with Over 1,000 Vehicle Thefts in 2023

NICB Northeast Region

Northeast Region: Thefts by State			
State	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Connecticut	9,422	261.09	33%
Maine	1,012	72.84	9%
Massachusetts	8,317	119.11	16%
New Hampshire	762	54.47	1%
New York	32,715	166.29	15%
Rhode Island	1,534	140.24	-15%
Vermont	1,009	155.92	-4%

Northeast Region: Thefts by CBSA				
	CBSA	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Top 3 CBSA Thefts by Volume	1 New York-Newark-Jersey City, NY-NJ-PA[2]	20,780	163.98	7%
	2 Boston-Cambridge-Newton, MA-NH	5,205	106.21	12%
	3 Buffalo-Cheektowaga, NY	4,090	352.22	44%
Top 3 CBSA Per Capita*	1 New Haven-Milford, CT	3,758	432.19	37%
	2 Rochester, NY	3,905	361.19	91%
	3 Buffalo-Cheektowaga, NY	4,090	352.22	44%
Top 3 CBSA Percent Change*	1 Rochester, NY	3,905	361.19	91%
	2 Hartford-East Hartford-Middletown, CT	3,245	265.61	52%
	3 Buffalo-Cheektowaga, NY	4,090	352.22	44%

* of CBSAs with Over 1,000 Vehicle Thefts in 2023

NICB Northwest Region

Northwest Region: Thefts by State			
State	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Alaska	1,880	256.38	2%
Colorado	34,068	583.25	-20%
Idaho	1,529	78.86	-15%
Montana	2,049	182.48	-19%
Oregon	16,709	394.14	-27%
Utah	5,161	152.64	-28%
Washington	43,160	554.44	-8%
Wyoming	719	123.62	-9%

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[2] This CBSA expands across multiple NICB regions. It should be noted that these numbers only represent the population and vehicle thefts that took place within the Northeast Region, thus excluding data from the New Jersey and Pennsylvania geographic areas that this CBSA is comprised of. A total representation of 2023 thefts for the entire geographic area of this CBSA can be found in the Theft by Volume table in Section 4 of this report.

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Northwest Region: Thefts by CBSA				
		CBSA	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Top 3 CBSA Thefts by Volume	1	Seattle-Tacoma-Bellevue, WA	31,328	776.55	2%
	2	Denver-Aurora-Lakewood, CO	24,489	820.16	-22%
	3	Portland-Vancouver-Hillsboro, OR-WA	14,491	577.45	-27%
Top 3 CBSA Per Capita*	1	Pueblo, CO	1,649	972.61	-10%
	2	Denver-Aurora-Lakewood, CO	24,489	820.16	-22%
	3	Seattle-Tacoma-Bellevue, WA	31,328	776.55	2%
Top 3 CBSA Percent Change*	1	Anchorage, AK	1,448	361.58	4%
	2	Seattle-Tacoma-Bellevue, WA	31,328	776.55	2%
	3	Colorado Springs, CO	3,536	461.97	-2%

* of CBSAs with Over 1,000 Vehicle Thefts in 2023

NICB Southeast Region

Southeast Region: Thefts by State			
State	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Alabama	10,717	211.22	-1%
Florida	46,213	207.74	-1%
Georgia	28,171	258.14	5%
Mississippi	6,453	219.57	4%

Southeast Region: Thefts by CBSA				
		CBSA	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Top 3 CBSA Thefts by Volume	1	Miami-Fort Lauderdale-Pompano Beach, FL	19,719	321.19	5%
	2	Atlanta-Sandy Springs-Alpharetta, GA	19,456	312.69	11%
	3	Orlando-Kissimmee-Sanford, FL	6,029	218.11	-4%
Top 3 CBSA Per Capita*	1	Macon-Bibb County, GA	1,032	441.18	-3%
	2	Jackson, MS	2,018	346.02	14%
	3	Birmingham-Hoover, AL	3,694	330.75	5%
Top 3 CBSA Percent Change*	1	Jacksonville, FL	4,153	247.84	16%
	2	Jackson, MS	2,018	346.02	14%
	3	Montgomery, AL	1,103	286.15	13%

* of CBSAs with Over 1,000 Vehicle Thefts in 2023

NICB West Region

West Region: Thefts by State			
State	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Arizona	19,722	267.76	-10%
California	208,668	534.49	3%
Hawaii	2,181	151.52	-18%
Nevada	18,197	572.70	18%

		West Region: Thefts by CBSA		
	CBSA	2023 Total	Thefts Per 100,000 People	Percent Change 2022-2023
Top 3 CBSA Thefts by Volume	1 Los Angeles-Long Beach-Anaheim, CA	72,460	562.91	0%
	2 San Francisco-Oakland-Berkeley, CA	40,977	894.77	28%
	3 Riverside-San Bernardino-Ontario, CA	22,619	484.60	-1%
Top 3 CBSA Per Capita*	1 Bakersfield, CA	8,902	971.72	-9%
	2 San Francisco-Oakland-Berkeley, CA	40,977	894.77	28%
	3 Las Vegas-Henderson-Paradise, NV	16,094	692.82	23%
Top 3 CBSA Percent Change*	1 San Francisco-Oakland-Berkeley, CA	40,977	894.77	28%
	2 Stockton, CA	4,217	531.62	27%
	3 Las Vegas-Henderson-Paradise, NV	16,094	692.82	23%

* of CBSAs with Over 1,000 Vehicle Thefts in 2023

Appendix II: Methodology

What data sources were used for the report?

a) The NICB's mirror image of NCIC's Vehicle Theft file.

b) Current listing of Originating Agency Identification (ORI) Numbers provided by the National Law Enforcement Telecommunication System (NLETS).

b) Updated locations of Cities, Counties and Core Based Statistical Areas (CBSA) via SAS software.

d) The 2022 extracted population database from http://www.census.gov.

What editing was done on the data sources to create the report?

a) **NCIC File** – 2022-2023 vehicle data was extracted using the standard representation of vehicles in the file. The data range for the dataset was all records with a date of theft between 01/01/2022 and 12/31/2023 at the time of extraction. This data also included located, cleared, and cancelled vehicles. Vehicle makes and models were identified by decoding the 17-character VIN and using the vehicle make and model codes listed in the data.

b) **SAS** - The program is used to match addresses to cities and counties to get the CBSA's. No editing was performed on the file. For each city and county which is part of a metropolitan area this file identifies the CBSA code in which they fall into.

c) **ORI File** - The address fields, street, city, and zip for each ORI is matched to the SAS data. The ORI location obtained using the SAS data then identifies the initial CBSA code of the ORI. Then comparing both prior ORI information and LEADS received data a second review of the ORI table is done to make sure no major changes have occurred and verify if they need to stay or be corrected. In instances where an exact match could not be found on the ORI file to the ORI field in NCIC itself, the last two characters of the ORI (terminal location) were dropped to match the ORIs on file.

d) **Census Population Data** - No editing was performed on the data. The report utilized the 2022 estimated population figures provided by the U.S. Census Bureau.

How were the vehicle theft totals determined for this report?

For the purposes of this report, theft totals were calculated based on the number of records present in the data extracted after the editing process had been completed.

What are CBSAs - MSAs?

The U.S. Office of Management and Budget (OMB) defines metropolitan and micropolitan statistical areas according to published standards that are applied to Census Bureau data. The term "core based statistical area" became effective in 2000 and refers collectively to metropolitan and micropolitan statistical areas (MSAs). The 2000 standards provide that each CBSA must contain at least one urban area of 10,000 or more population. Each MSA must have at least one urbanized area of 50,000 or more inhabitants.

The MSAs are here: Delineation Files (census.gov)
How were theft rates (theft per capita) determined?

Theft rates were calculated by dividing the number of 2023 vehicle thefts in a state or CBSA by the population in that location, then multiplying by 100,000. Theft rates are rounded to the nearest hundredth.