

Date: April 27, 2018

Regarding: **2017 Motorcycle Theft and Recovery (through 02/28/2018) Report** (Public Dissemination)

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Executive Summary

This ForeCAST Report analyzes motorcycle thefts for 2017 and recoveries for 2017 and 2018 (through 02/28/18) in the United States (U.S.), and the District of Columbia (D.C.). For the purposes of this report, the National Crime Information Center (NCIC) motorcycle theft data for 2017 and recovery data for 2017 and 2018 (through 02/28/18) were analyzed by NCIC Make, Model, and Style fields.

This report is divided into two sections. The first section analyzes motorcycle thefts in the U.S. for 2017 by Theft: year, month, state, city, county, and make. The second section analyzes motorcycle recoveries in the U.S. for 2017 and 2018 (through 02/28/18) by Recovery: year, month, state, and make. The appendix at the end of this report includes the methodology of the data editing.

Overall, there were a total of 44,268 motorcycle thefts in the U.S. in 2017. From 2016 to 2017, motorcycle thefts decreased by 5%. Motorcycle thefts occur more frequently in the warmer months, where July and August had the most motorcycle thefts, while December had less frequent thefts. Motorcycle thefts were highest in the state of California (7,532) in 2017. Alaska had the largest percent increase (37%) in motorcycle thefts from 2016 to 2017, while North Dakota had the largest percent decrease (-35%) in motorcycle thefts from 2016 to 2017. Analysis by city found New York, NY to have the highest count of thefts (980) in 2017, with a 19% decrease over 2016.

There were 2,046 U.S. counties identified in 2017 with a motorcycle theft. The top 25 counties accounted for 31% of motorcycle thefts in 2017, with Los Angeles County ranking 1st at 1,613 thefts. Motorcycle thefts for 2016 – 2017 had substantial change in counts for 39 counties with greater than 3 standard deviations from the mean.

Analysis found Honda to be the manufacturer with the most thefts (8,781) in 2017. Manufacturer Genuine Cycle had the highest percent change (15%) increase of the top 15 manufacturers for 2016 – 2017 in motorcycle thefts.

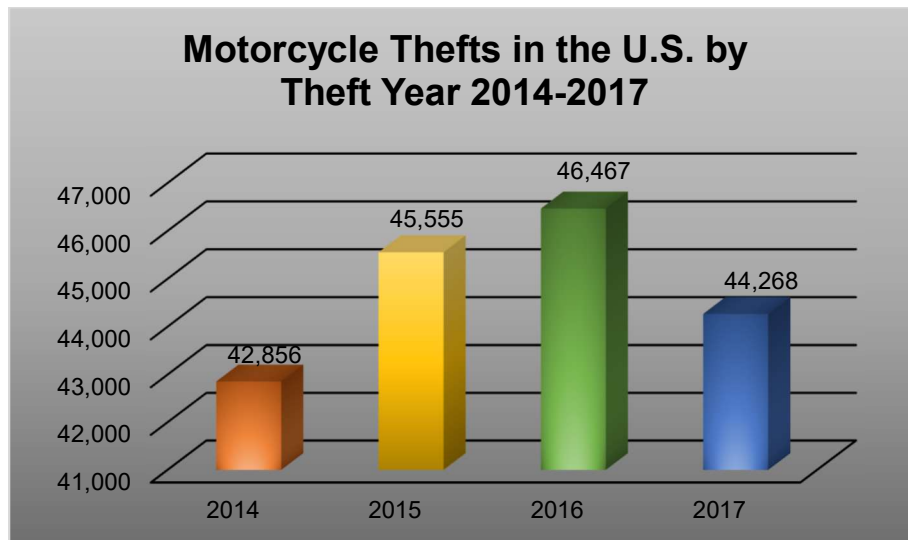
Of the 44,268 motorcycle thefts in 2017, 18,553 or 42% of the motorcycles were recovered from 01/01/2017 through 02/28/2018. In 2017, August (2,206) and September (2,025) were months with the largest number of motorcycle recoveries while January (539) and February (749) had the fewest motorcycle recoveries. From 01/01/2017 through 02/28/2018, California had the most (3,423) recoveries statewide. The highest recovery of state stolen motorcycles for the top 10 recovery states was Washington (58%) for 2017 through 02/28/2018. Analysis found Honda to be the manufacturer with the most (3,781) recoveries in 2017 through 02/28/2018. Manufacturer Triumph had the highest rate (67%) of recovery in the top 15 recovered manufacturers in 2017.

SECTION 1: Motorcycle Theft in the U.S. 2017

This section analyzes the 44,268 motorcycle thefts which were reported to NCIC, in the U.S. in 2017. The following subsections further analyze the 44,268 motorcycle thefts by: theft: year, month, state, city, county, make, and motorcycle year.

Motorcycle Thefts: By Year

The following graphs shows the comparison of reported motorcycle thefts in the U.S. for the theft years of 2014 through 2017. The number of motorcycle thefts increased 6% from 42,856 in 2014 to 45,555 in 2015. The number of motorcycle thefts increased by 2% from 45,555 in 2015 to 46,467 in 2016. The number of motorcycle thefts decreased by 5% from 46,467 in 2016 to 44,268 in 2017. Overall, motorcycle thefts increased by 3% from 2014 through 2017.

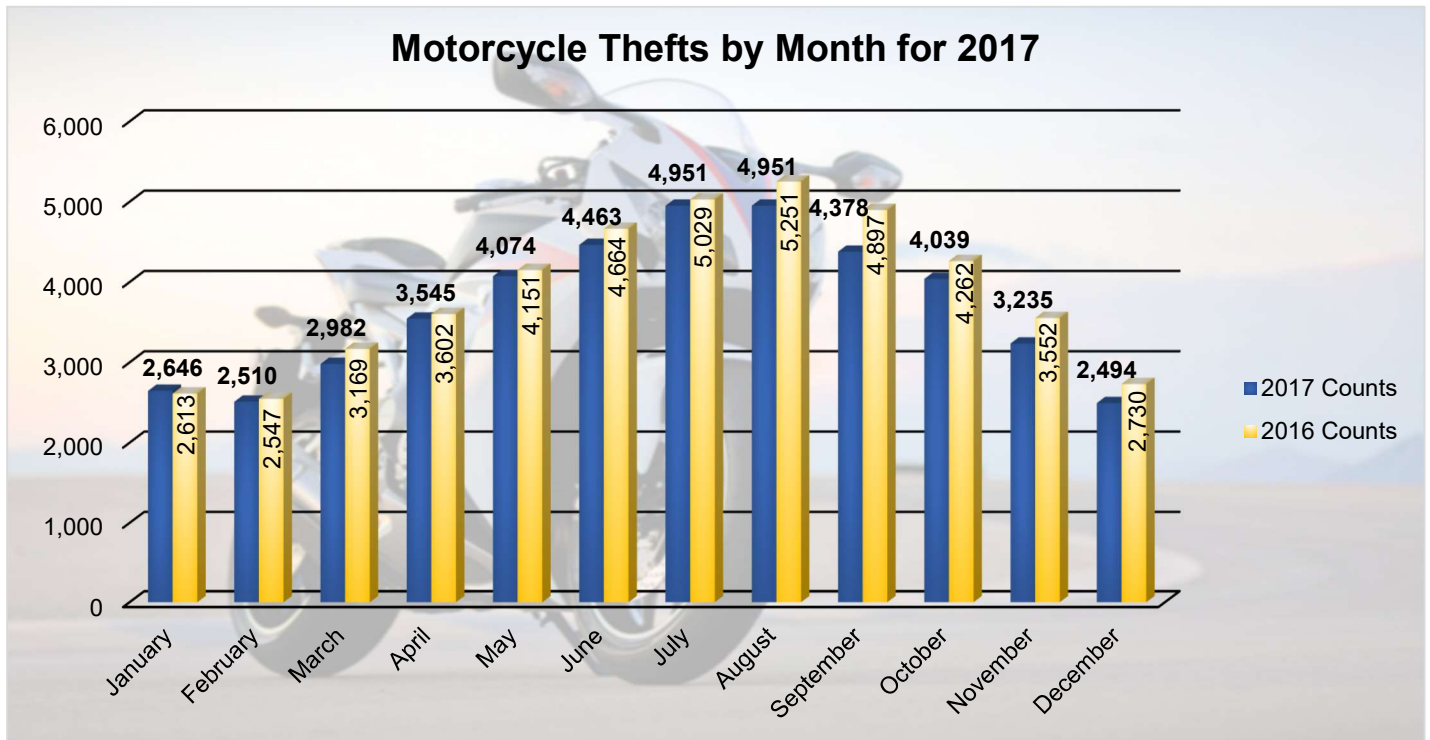


Motorcycle Thefts: By Month

The following tables and bar graph illustrate motorcycle thefts in the U.S. by the month, percent, rank, and quarter. In general, motorcycle thefts are seen as a seasonal crime related to warmer months where months with 10% or more thefts from the yearly total occurred in June, July, August, and September. Months with 6% or less of the year’s total thefts occur in the winter months of December, January, and February. Theft count ranks highest (1st) in the months of July, and August. The 3rd Quarter has the highest theft counts at 14,280 while the 1st Quarter had the lowest theft counts at 8,138. In 2017, motorcycle thefts had a decreased count in 11 months compared to motorcycle thefts occurring in the same months in 2016. Specifically, September saw the highest decrease of thefts with 519 in 2017. Additionally, January saw an increase of 33 thefts in 2017.

Month	2017 Thefts	Percent of Thefts (%)	Theft Rank
JANUARY	2,646	6%	10
FEBRUARY	2,510	6%	11
MARCH	2,982	7%	9
APRIL	3,545	8%	7
MAY	4,074	9%	5
JUNE	4,463	10%	3
JULY	4,951	11%	1
AUGUST	4,951	11%	1
SEPTEMBER	4,378	10%	4
OCTOBER	4,039	9%	6
NOVEMBER	3,235	7%	8
DECEMBER	2,494	6%	12
TOTALS	44,268	100%	

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Quarter	1			2			3			4		
2017 Totals	8,138			12,082			14,280			9,768		



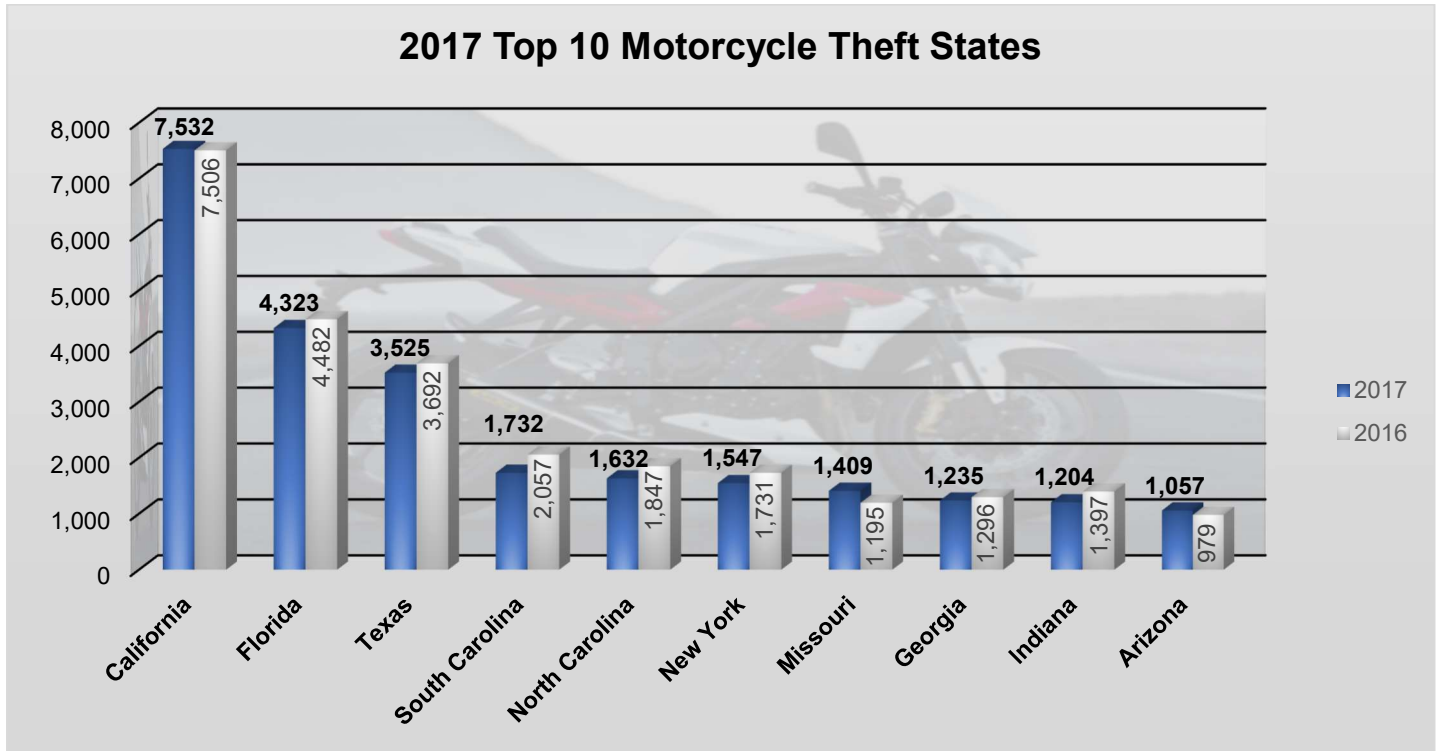
Motorcycle Thefts: By State

The following table shows the number of 2017 motorcycle thefts in the U.S. by theft state. The chart analyzes each state by quarters as well as ranks each state by total number of motorcycle thefts. The chart further shows the percent of total U.S. thefts by state. There were a total of 44,268 thefts in the U.S. in 2017 with the top 10 states of California, Florida, Texas, South Carolina, North Carolina, New York, Missouri, Georgia, Indiana, and Arizona account for over 57% of the total U.S. thefts in 2017.

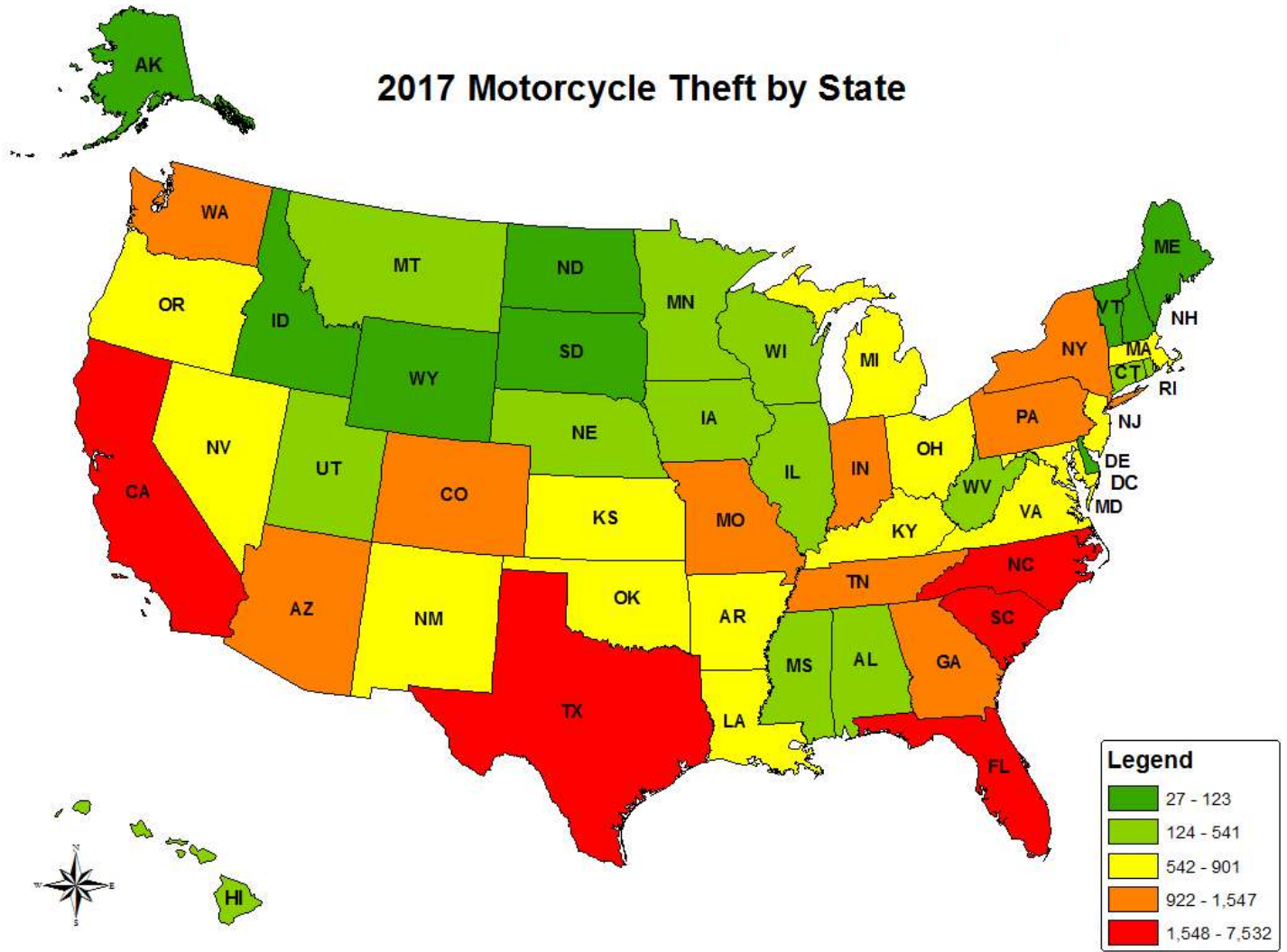


State	Quarter 1	Quarter 2	Quarter 3	Quarter 4	2017 Totals	Percent of Total Thefts	2017 Theft Rank
California	1,699	1,972	2,006	1,855	7,532	17%	1
Florida	1,088	1,147	1,054	1,034	4,323	10%	2
Texas	805	900	990	830	3,525	8%	3
South Carolina	341	476	514	401	1,732	4%	4
North Carolina	337	471	506	318	1,632	4%	5
New York	165	377	612	393	1,547	3%	6
Missouri	201	414	527	267	1,409	3%	7
Georgia	300	313	343	279	1,235	3%	8
Indiana	178	331	468	227	1,204	3%	9
Arizona	225	278	261	293	1,057	2%	10
Washington	120	303	421	185	1,029	2%	11
Pennsylvania	108	295	351	192	946	2%	12
Colorado	153	241	348	195	937	2%	13
Tennessee	171	239	311	201	922	2%	14
Virginia	164	254	313	170	901	2%	15
Massachusetts	66	222	420	171	879	2%	16
Maryland	135	235	341	160	871	2%	17
Nevada	194	218	250	184	846	2%	18
Michigan	85	220	332	121	758	2%	19
Ohio	84	207	276	159	726	2%	20
New Jersey	97	223	272	124	716	2%	21
Louisiana	153	250	165	142	710	2%	22
Arkansas	137	194	211	157	699	2%	23
Oklahoma	135	160	207	178	680	2%	24
Kentucky	82	204	256	135	677	2%	25
Oregon	83	169	223	139	614	1%	26
Kansas	73	180	177	133	563	1%	27
New Mexico	89	123	208	139	559	1%	28
Illinois	83	153	205	100	541	1%	29
Alabama	113	149	145	125	532	1%	30
Connecticut	43	158	241	86	528	1%	31
Minnesota	35	145	198	66	444	1%	32
Utah	66	112	149	83	410	1%	33
Iowa	40	95	140	66	341	1%	34
Mississippi	43	69	76	66	254	1%	35
Hawaii	54	39	45	77	215	<1%	36
District Of Columbia	22	64	72	54	212	<1%	37
Wisconsin	25	63	95	29	212	<1%	37
West Virginia	36	57	61	34	188	<1%	39
Nebraska	15	49	81	39	184	<1%	40
Rhode Island	17	45	86	22	170	<1%	41
Montana	24	49	62	23	158	<1%	42
Idaho	16	30	47	30	123	<1%	43
Alaska	2	44	62	7	115	<1%	44
Delaware	10	30	29	25	94	<1%	45
North Dakota	5	36	18	18	77	<1%	46
New Hampshire	8	17	28	13	66	<1%	47
Wyoming	3	20	30	8	61	<1%	48
South Dakota	5	21	27	7	60	<1%	49
Maine	3	11	9	4	27	<1%	50
Vermont	2	10	11	4	27	<1%	50
2017 Totals	8,138	12,082	14,280	9,768	44,268	100%	

The following graph shows the top 10 states with the largest number of motorcycle thefts in the U.S. for 2017 compared to theft counts for 2016. Three (3) of the top 10 states saw an increase in motorcycle theft in 2017 and 7 of the top 10 states saw a decrease in motorcycle theft. Of the top 10 states, Missouri had the largest increase (214) in motorcycle thefts and South Carolina had the largest decrease (325) in motorcycle theft from 2016 to 2017.



The following map shows the distribution of motorcycle theft across the U.S. by state.



The following table shows the percent change of motorcycle thefts between 2016 and 2017 in the U.S. by theft state. The chart breaks down the states into 3 categories; states with increased thefts between 2016 and 2017, decreased thefts between 2016 and 2017, and thefts that saw no percent change between 2016 and 2017. The chart ranks each state in its respective category. There are 19 states that saw an increase in the number of motorcycle thefts in 2017 compared to 2016, with Alaska having the highest increase (37%). There are 30 states that saw a decrease in the number of motorcycle thefts in 2017 compared to 2016, with North Dakota having the highest decrease (-35%). West Virginia, and Montana saw no change in the number of thefts between 2016 and 2017. An asterisk (*) represents a tie in the state percent change rank.

Increased Thefts			Decreased Thefts		
State	Percent Change 2016-2017	Rank	State	Percent Change 2016-2017	Rank
Alaska	37%	1	North Dakota	-35%	1
Mississippi	26%	2	Nevada	-28%	2
Wyoming	20%	3	Connecticut	-26%	3
Nebraska	19%	4	Maryland	-26%	3
Missouri	18%	5	Maine	-25%	5
New Mexico	16%	*6	Hawaii	-24%	6
Minnesota	16%	*6	Wisconsin	-23%	7
Vermont	13%	8	Virginia	-19%	8
Louisiana	9%	9	Idaho	-19%	8
Arizona	8%	10	South Carolina	-16%	10
Pennsylvania	7%	*11	Indiana	-14%	11
Iowa	7%	*11	Delaware	-13%	12
Kentucky	6%	*13	North Carolina	-12%	13
Oregon	6%	*13	Alabama	-11%	*14
Tennessee	5%	*15	New York	-11%	*14
District Of Columbia	5%	*15	Arkansas	-10%	16
Oklahoma	5%	*15	Ohio	-9%	*17
Michigan	1%	18	Illinois	-9%	*17
California	<1%	19	Kansas	-8%	19
			Utah	-7%	*20
			Washington	-7%	*20
			Colorado	-6%	22
			Massachusetts	-5%	*23
			Georgia	-5%	*23
			Texas	-5%	*23
			Florida	-4%	26
			Rhode Island	-3%	*27
			South Dakota	-3%	*27
			New Hampshire	-3%	*27
			New Jersey	-1%	30
State	Percent Change 2016-2017				
West Virginia	0%				
Montana	0%				

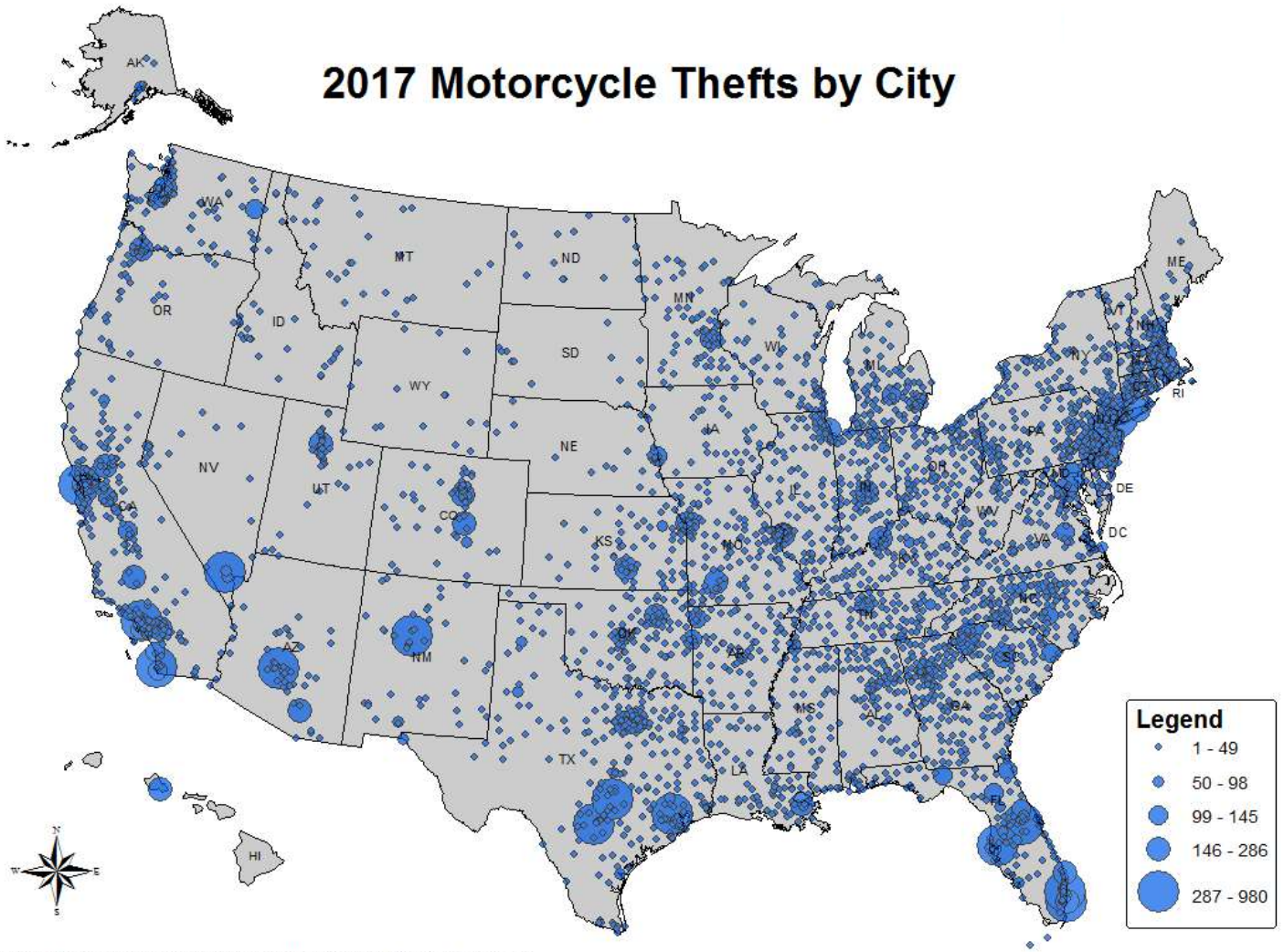
Motorcycle Thefts: By City

The following tables shows the top 15 cities in the U.S., listed by 2017 theft count. The top 15 cities accounted for 7,506 motorcycle thefts in 2017, a decrease of 586 motorcycle thefts from 8,092 top 15 city motorcycle thefts in 2016. Of the top 15 cities, 7 had an increase in motorcycle theft in 2017 with the largest increase (43%) for Fort Lauderdale, FL followed by Orlando, FL in 2nd (21%), and Tampa, FL in 3rd (14%). Eight (8) cities listed a decrease in motorcycle theft in 2017 with Houston, TX listing the largest change (-30%).

2017 Theft Rank	City	2016 Thefts	2017 Thefts	Percent Change 2016-2017
1	New York, NY	1,209	980	-19%
2	San Diego, CA	849	846	<1%
3	Los Angeles, CA	760	833	10%
4	Las Vegas, NV	818	583	-29%
5	Miami, FL	610	575	-6%
6	San Francisco, CA	616	568	-8%
7	Houston, TX	607	424	-30%
8	San Antonio, TX	411	413	<1%
9	Fort Lauderdale, FL	244	350	43%
10	Philadelphia, PA	312	342	10%
11	Phoenix, AZ	347	337	-3%
12	Albuquerque, NM	309	334	8%
13	Orlando, FL	261	315	21%
14	Austin, TX	343	304	-11%
15	Tampa, FL	264	302	14%

The following map shows the distribution of motorcycle theft across the U.S. by theft city.

2017 Motorcycle Thefts by City



*Not all NCIC Theft Records contain sufficient information to be mapped

Motorcycle Thefts: By County Count

There were a total of 2,046 U.S. counties¹ identified as having a motorcycle theft occur in 2017. In 2016, a total of 2,075 U.S. counties were identified as having motorcycle thefts. There were 29 less counties in 2017 that had motorcycle thefts compared to 2016. Further analysis of the 2 years revealed that 321 of the 2,046 counties in 2017 had no motorcycle thefts in 2016.

The following table displays the top 25 counties, in 2017, with motorcycle thefts. The top 25 counties accounted for 13,651 thefts or 31% of the 44,268 motorcycle thefts in 2017. Los Angeles County was determined to have the highest count of thefts; 1,613 in 2017. The table lists the top 25 counties, theft counts for 2017, theft counts for 2016, and percent change between 2016 and 2017. Of the top 25 counties, 14 saw an increase in motorcycle theft between 2016 and 2017 while 11 saw a decrease. Of the top 25 counties, Santa Clara, CA County had the largest increase (28%) while Harris, TX County had the largest decrease (37%) in motorcycle thefts between 2016 and 2017. The table also lists each county's rate² of motorcycle theft per 10,000 people, based on the estimated 2017 U.S. Census population.

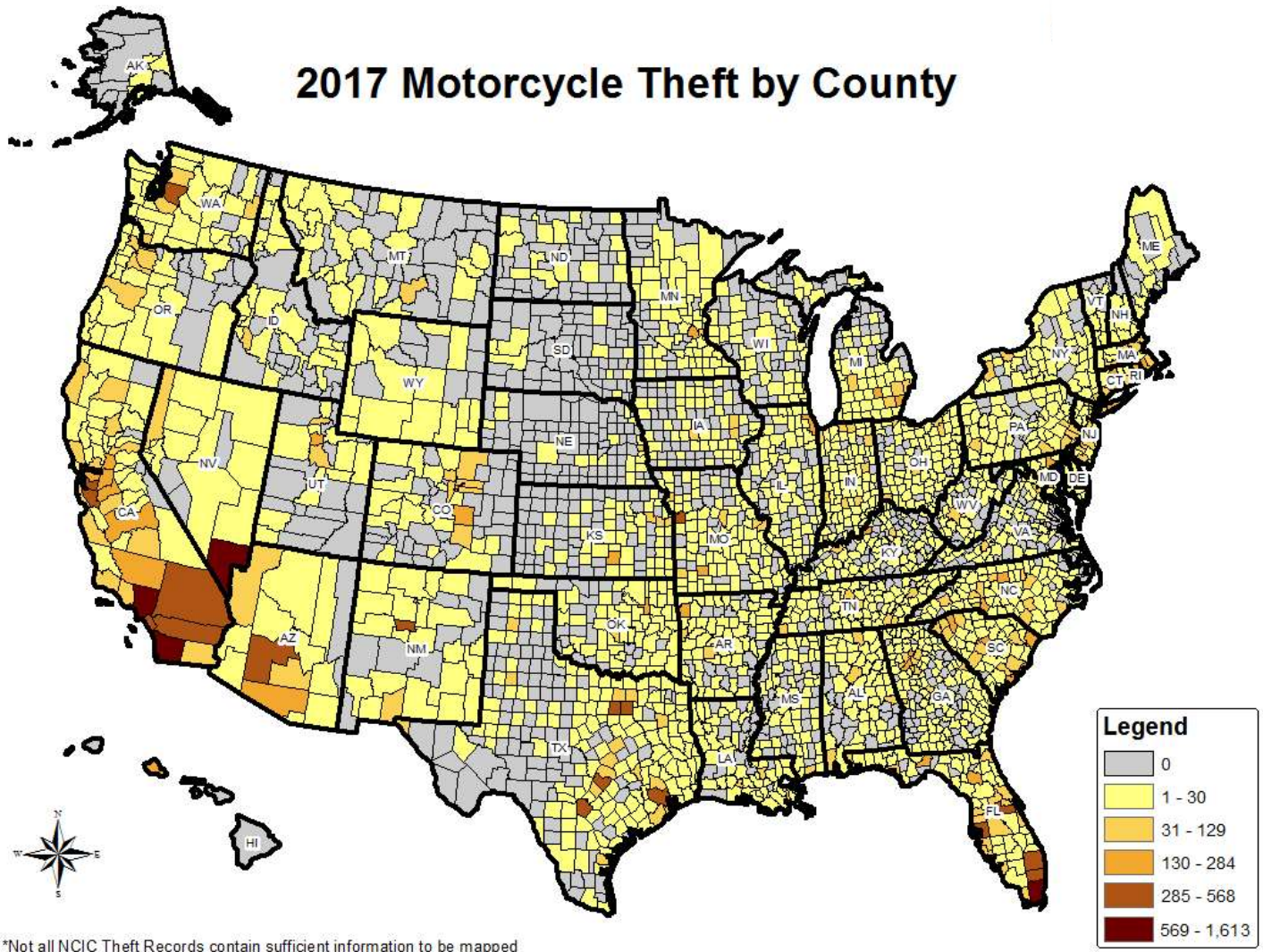
2017 Theft Rank	U.S. County	2016 Thefts	2017 Thefts	2016-2017 Theft Percent Change	2017 Theft Rate Per 10k
1	Los Angeles, CA	1,529	1,613	5%	2
2	San Diego, CA	1,210	1,217	1%	4
3	Miami-Dade, FL	1,056	1,002	-5%	4
4	New York, NY	1,206	976	-24%	6
5	Clark, NV	956	719	-33%	3
6	Maricopa, AZ	613	568	-8%	1
7	San Francisco, CA	616	568	-8%	6
8	Broward, FL	479	538	11%	3
9	Harris, TX	707	517	-37%	1
10	San Bernardino, CA	426	458	7%	2
11	Riverside, CA	400	427	6%	2
12	Bexar, TX	443	426	-4%	2
13	King, WA	384	422	9%	2
14	Dallas, TX	310	417	26%	2
15	Alameda, CA	475	406	-17%	2
16	Santa Clara, CA	273	380	28%	2
17	Orange, CA	381	378	-1%	1
18	Palm Beach, FL	307	356	14%	2
19	Philadelphia, PA	312	342	9%	2
20	Orange, FL	276	336	18%	2
21	Bernalillo, NM	309	335	8%	5
22	Tarrant, TX	359	325	-10%	2
23	Hillsborough, FL	274	311	12%	2
24	Jackson, MO	281	308	9%	4
25	Travis, TX	346	306	-13%	2

The following map illustrates a total list of counties and their theft count for 2017. The U.S. Census Bureau identified 3,142 counties in the U.S. In 2017, motorcycle thefts were identified in 2,046 U.S. counties.

¹ Note: 38 of the total 44,268 motorcycle thefts in 2017 did not contain county information and were not included in counts.

² Rate: The rate for each county was determined by taking the theft count and dividing it by the 2017 census population estimates for that county and setting a parameter at the 10,000 level.

2017 Motorcycle Theft by County



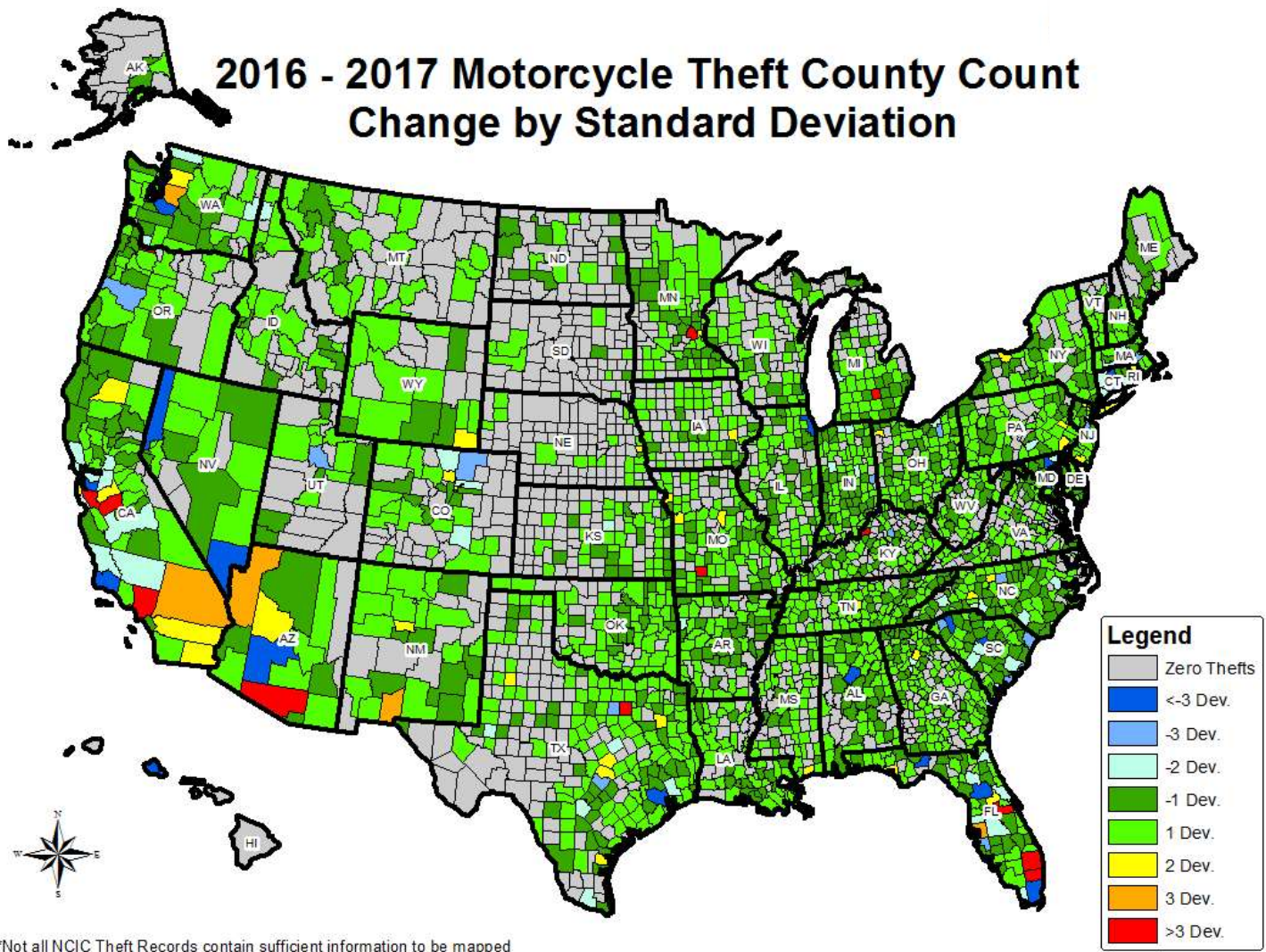
*Not all NCIC Theft Records contain sufficient information to be mapped

The following table shows a list of counties in the U.S. between 2016 and 2017 motorcycle theft count change per county, which are greater than 3 standard deviations³. Thirty-Nine (39) counties are greater than 3 standard deviations from the mean, all of which had a substantial change in motorcycle thefts between 2016 and 2017. Of the 39 counties, 15 counties had substantial increases in motorcycle thefts between 2016 and 2017 and are greater than 3 standard deviations from the mean. The remaining 24 counties had substantial decreases in motorcycle thefts between 2016 and 2017 and greater than 3 standard deviations from the mean.

³ County theft count change data was standardized using z-Scores.

County	2016 Theft Count	2017 Theft Count	2016-2017 Percent Change	2016-2017 Z-Scores
Dallas, TX	310	417	35%	7.6
Santa Clara, CA	273	380	39%	7.6
Los Angeles, CA	1,529	1,618	5%	6.0
Greene, MO	175	245	40%	5.0
Multnomah, OR	215	284	32%	4.9
Pima, AZ	207	275	33%	4.9
Orange, FL	276	336	22%	4.3
Broward, FL	479	539	12%	4.2
Hennepin, MN	91	150	65%	4.2
Merced, CA	35	88	151%	3.8
Ingham, MI	95	145	53%	3.6
Palm Beach, FL	307	356	16%	3.5
Orleans, LA	168	215	28%	3.4
Anchorage, AK	41	87	112%	3.3
Jefferson, KY	232	277	19%	3.2
Cook, IL	293	249	-15%	-3.1
Maricopa, AZ	613	568	-7%	-3.1
Pinellas, FL	226	179	-21%	-3.3
San Francisco, CA	616	568	-8%	-3.3
Greenville, SC	220	170	-23%	-3.5
Leon, FL	189	138	-27%	-3.5
Santa Barbara, CA	105	53	-50%	-3.6
Miami-Dade, FL	1,056	1,002	-5%	-3.8
Baltimore City, MD	290	232	-42%	-4.0
Jefferson, AL	138	80	-34%	-4.2
Pierce, WA	175	115	-39%	-4.3
Richland, SC	309	247	-20%	-4.3
Milwaukee, WI	157	95	-15%	-4.8
Alameda, CA	475	406	-24%	-4.8
Honolulu, HI	284	215	-42%	-5.0
Prince Georges, MD	209	138	-25%	-5.0
Washoe, NV	171	100	-75%	-5.0
Marion, FL	96	24	-35%	-5.1
Hartford, CT	233	154	-34%	-5.5
Marion, IN	331	248	-25%	-5.8
Baltimore, MD	207	120	-42%	-6.1
Harris, TX	707	517	-27%	-13.4
New York, NY	1,206	976	-19%	-16.2
Clark, NV	956	722	-25%	-16.7

The following map illustrates a total list of counties and their theft count change between 2016 and 2017 by standard deviation. The U.S. Census bureau identified 3,142 counties in the U.S. In 2017, motorcycle thefts were identified in 2,046 counties and 2,075 counties were identified in 2016 with motorcycle thefts.



Motorcycle Thefts: By Make

There were a total of 497 motorcycle makes⁴ identified within the 44,268 motorcycle thefts in the U.S. in 2017. The following table displays the top 15 makes with motorcycle thefts in 2017. The top 15 makes accounted for 38,055 of the total 44,268 thefts in 2017 or about 86%. Honda accounted for the most thefts in 2017 with 8,781 thefts, with Yamaha 2nd, and Suzuki 3rd. Four (4) of the top 15 makes had an increase in the reported number of thefts in 2017 compared to 2016. Genuine Cycle listed the highest increase (15%) of motorcycle thefts in 2017. Ducati Motor Holding showed almost no change (1 theft decrease) in motorcycle thefts between 2016 and 2017.

⁴ Note: 1,572 motorcycle (CYCL) records were not included in the Top 15 theft rankings as the actual Manufacturers were not specifically identified.

2017 Theft Rank	Make	2016 Thefts	2017 Thefts	Percent Change 2016-2017
1	American Honda Motor Co., Inc.	9,052	8,781	-3%
2	Yamaha Motor Corporation	7,723	7,298	-6%
3	American Suzuki Motor Corporation	6,229	5,530	-11%
4	Harley Davidson, Inc.	4,953	5,138	4%
5	Kawasaki Motors Corp., U.S.A.	5,221	5,101	-2%
6	Taotao Group Co. Ltd	2,673	2,305	-14%
7	KTM Sportmotorcycle AG	762	722	-5%
8	Genuine Cycle	463	532	15%
9	Ducati Motor Holding	521	520	<-1%
10	Kymco U.S.A., Inc	453	484	7%
11	BMW Motorrad	415	392	-6%
12	Vespa International	398	391	-2%
13	Zhongneng Motorcycle Co., Ltd.	338	345	2%
14	Triumph Motorcycles Ltd	317	293	-8%
15	Astronautical Bashan	405	223	-45%

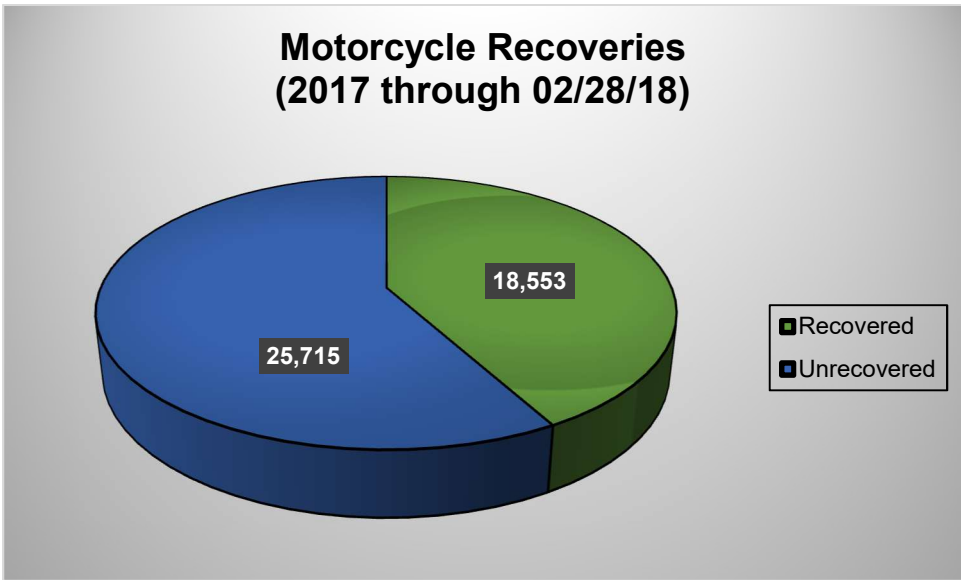


SECTION 2: Motorcycle Recoveries in the U.S. (2017 through 02/28/18)

This section analyzed the 2017 U.S. motorcycle thefts recovered between 01/01/2017 and 02/28/2018. There were 18,553 motorcycle recoveries associated with the 44,268 motorcycle thefts in the U.S. for 01/01/2017 through 02/28/2018. Of the 18,553 motorcycle recoveries, 17,366 recoveries occurred between 01/01/2017 and 12/31/2017 and 1,187 were between 01/01/2018 and 02/28/2018. The following subsections further analyze these 18,553 motorcycle recoveries by: year, month, state, and motorcycle make.

Motorcycle Recoveries: By Year

The pie chart shows the recovery rate, which was 42% for the 2017 motorcycle thefts recovered in 2017 through 02/28/2018. Analyzing the recoveries by year for 2016 and 2017, the table shows there was a minor decrease in recoveries from a total of 17,463 motorcycle recovered in the year 2016 compared to 17,366 in 2017.



Year	Recovered Thefts
2017	17,366
2016	17,463

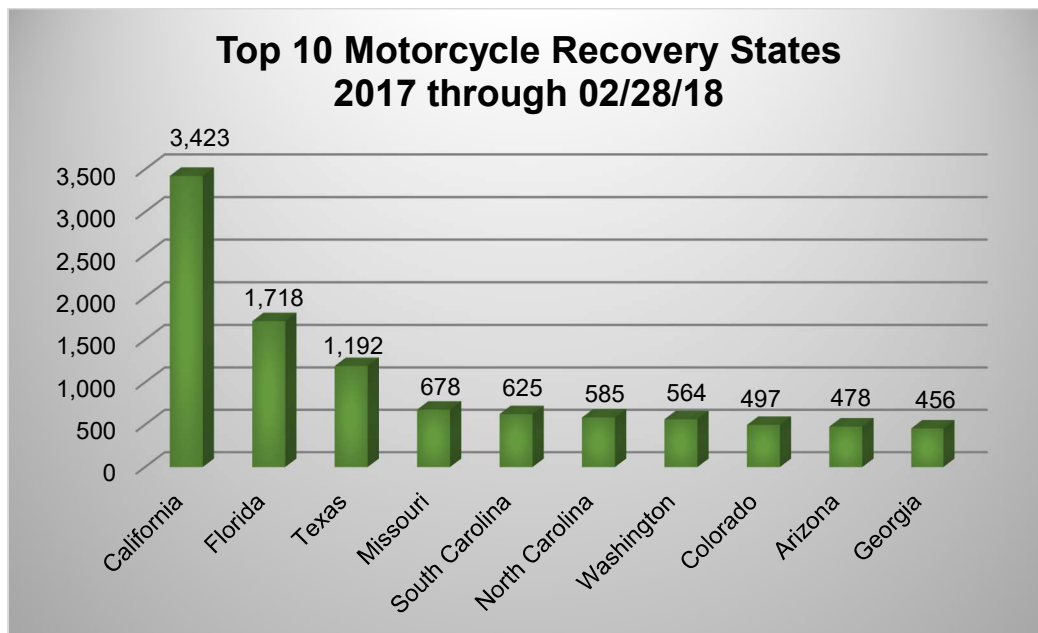
Motorcycle Recoveries: By Month

The following chart shows the number of motorcycle recoveries by month from 2017 through 02/28/2018. The chart is analyzed by months and years. The highest recovery occurred in August with 2,206 recoveries and followed by September with 2,025 recoveries as well. The months with the fewest number of motorcycle recoveries in 2017 were January (539) and February (749).

Month	2017 Recoveries	2018 Recoveries
JANUARY	539	749
FEBRUARY	749	438
MARCH	1,007	TBD
APRIL	1,164	TBD
MAY	1,521	TBD
JUNE	1,768	TBD
JULY	1,910	TBD
AUGUST	2,206	TBD
SEPTEMBER	2,025	TBD
OCTOBER	1,887	TBD
NOVEMBER	1,405	TBD
DECEMBER	1,185	TBD
TOTALS	17,366	1,187

Motorcycle Recoveries: By State

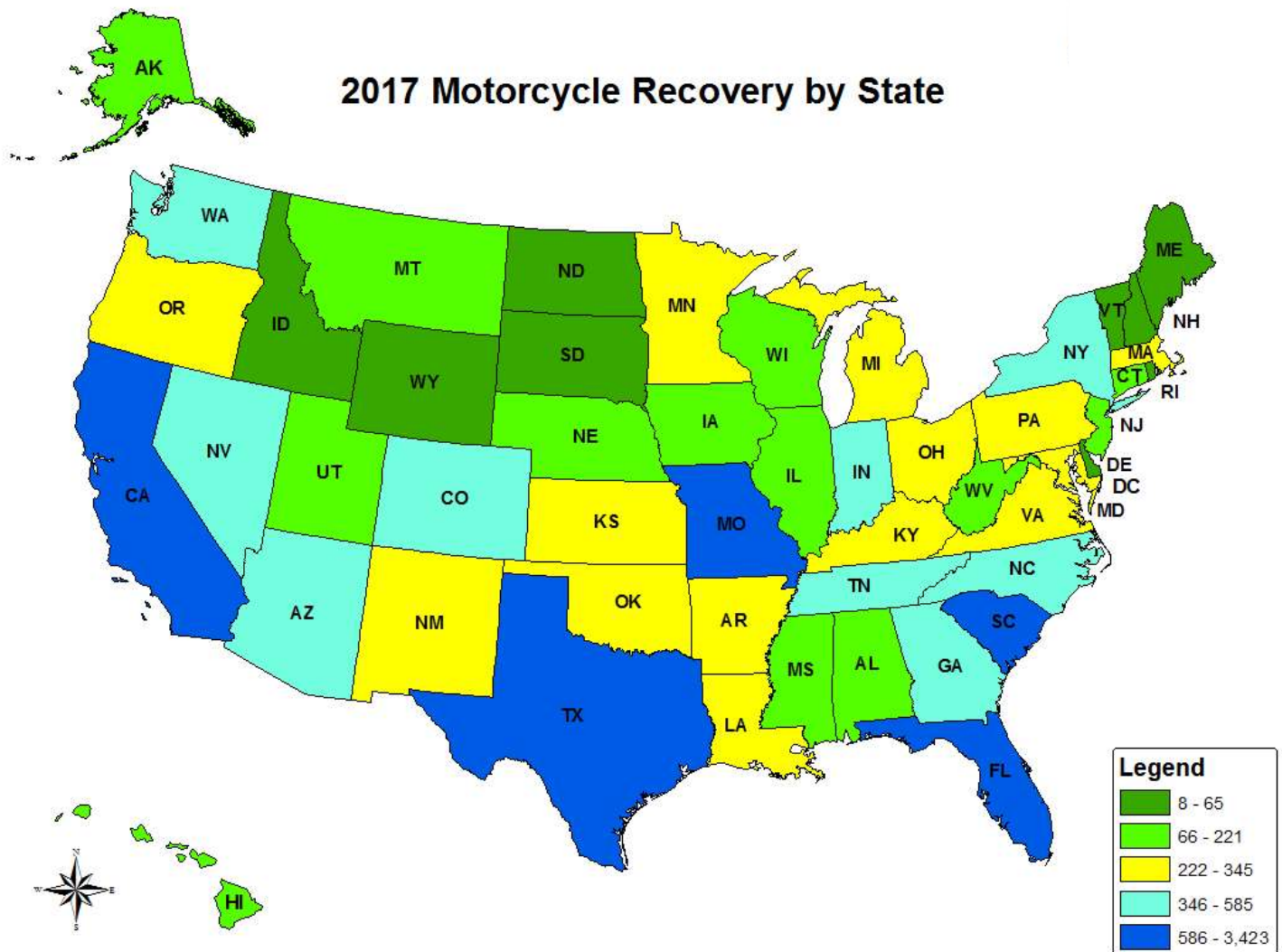
The graph below shows the top 10 states for motorcycles stolen in 2017 and recovered between 2017 through 02/28/2018. The top 10 states accounted for 10,216 motorcycle recoveries, or 55% between 2017 through 02/28/2018. The state with the most motorcycle recoveries was California with 3,423 motorcycle recoveries, or 18% of the 18,553 motorcycle recoveries between 01/01/2017 and 02/28/2018.



Recovery Rank	State	2017 Recovery	2018 Recoveries through 02/28/18	⁵ Total Recoveries from 01/01/17 – 02/28/18	2017 Recovery of State Stolen Motorcycles
1	California	3,221	202	3,423	45%
2	Florida	1,587	131	1,718	40%
3	Texas	1,107	85	1,192	40%
4	Missouri	640	38	678	48%
5	South Carolina	583	42	625	38%
6	North Carolina	565	20	585	37%
7	Washington	540	24	564	58%
8	Colorado	465	32	497	53%
9	Arizona	454	24	478	45%
10	Georgia	416	40	456	36%
11	Indiana	431	25	456	39%
12	Nevada	396	45	441	59%
13	New York	369	20	389	26%
14	Tennessee	355	21	376	42%
15	Arkansas	323	22	345	51%
16	Kentucky	296	44	340	50%
17	Oregon	296	35	331	54%
18	Virginia	295	22	317	40%
19	Maryland	298	18	316	38%
20	Oklahoma	267	25	292	42%
20	Michigan	272	12	284	37%
22	Louisiana	267	14	281	41%
23	Massachusetts	254	12	266	31%
24	Pennsylvania	244	19	263	31%
25	Kansas	245	13	258	49%
25	New Mexico	229	21	250	46%
27	Ohio	229	16	245	34%
28	Minnesota	218	6	224	52%
29	Utah	209	12	221	56%
30	Illinois	198	10	208	37%
31	Alabama	185	15	200	37%
32	New Jersey	188	10	198	24%
33	Connecticut	169	12	181	34%
34	Iowa	145	10	155	48%
35	Hawaii	98	12	110	51%
36	Wisconsin	98	3	101	48%
36	District Of Columbia	96	4	100	39%
38	Nebraska	84	5	89	48%
39	West Virginia	84	4	88	45%
39	Mississippi	73	10	83	36%
41	Montana	70	8	78	51%
42	Alaska	69	3	72	63%
43	Rhode Island	61	4	65	33%
44	Idaho	61	1	62	51%
45	North Dakota	47	0	47	61%
45	South Dakota	31	1	32	48%
47	New Hampshire	22	0	22	30%
48	Delaware	18	3	21	28%
49	Wyoming	19	0	19	44%
50	Vermont	10	0	10	41%
51	Maine	8	0	8	33%

⁵ Note: 493 of the 18,553 motorcycles recovered from 2017 through 02/28/18 did not contain state information and were not included in the counts.

The following map shows the distribution of motorcycle recoveries across the U.S. by state.



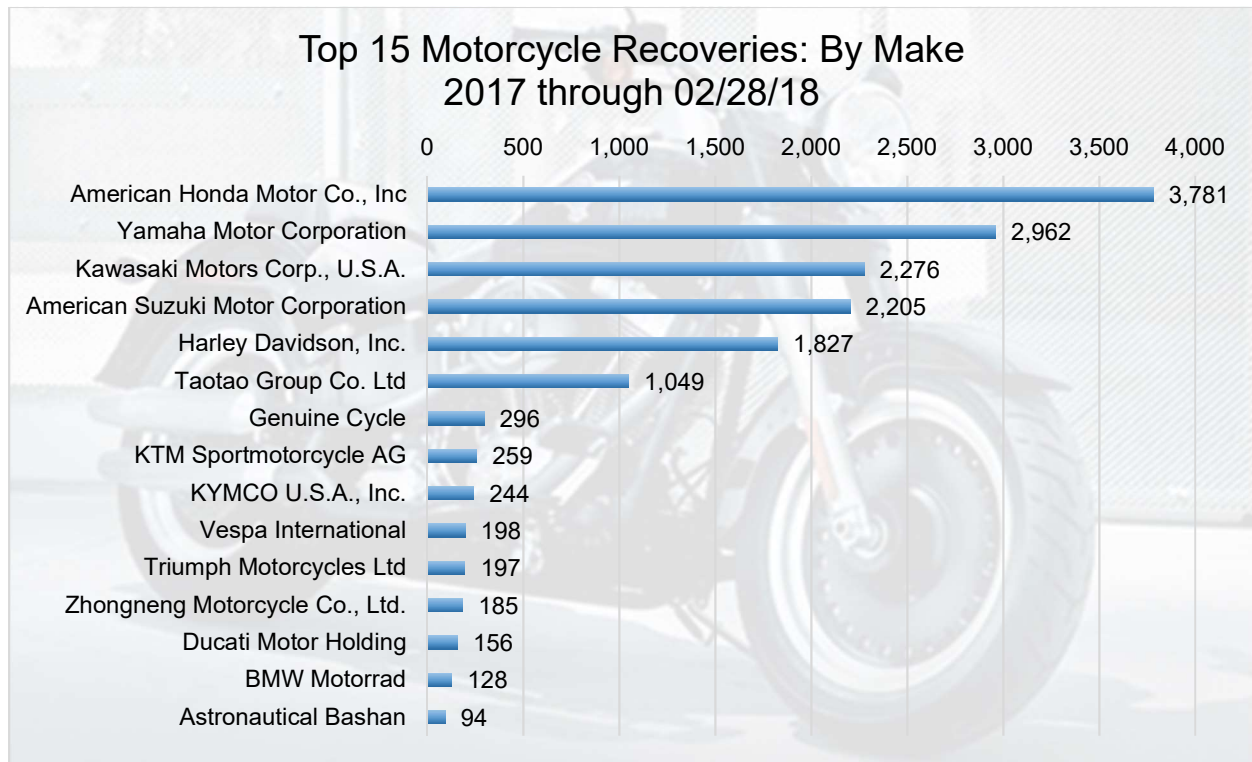
Motorcycle Recoveries: By Make

A total of 314 motorcycle makes were identified from the 18,553 motorcycle recoveries in the U.S. from 2017 through 02/28/2018. The following table and graph displays the top 15 makes of motorcycle recoveries. The top 15 makes accounted for 15,857 motorcycle recoveries, or 85% of the 18,553 motorcycle recoveries. The

make with the most recoveries was Honda which accounted for 20% of the total motorcycle recoveries. Of the top 15 makes, Triumph had the highest rate of recovery at 67%.

*Note: 659 (CYCL) records were not included in the top 15 recovery ranking as the actual manufacturer was not specifically identified.

Recovery Rank	Make*	2017 Recoveries through 02/28/18	2017 Thefts	Rate of Recovery
1	American Honda Motor Co., Inc	3,781	8,781	43%
2	Yamaha Motor Corporation	2,962	7,298	41%
3	Kawasaki Motors Corp., U.S.A.	2,276	5,101	45%
4	American Suzuki Motor Corporation	2,205	5,530	40%
5	Harley Davidson, Inc.	1,827	5,138	36%
6	Taotao Group Co. Ltd	1,049	2,305	46%
7	Genuine Cycle	296	532	56%
8	KTM Sportmotorcycle AG	259	722	36%
9	KYMCO U.S.A., Inc.	244	484	50%
10	Vespa International	198	391	51%
11	Triumph Motorcycles Ltd	197	293	67%
12	Zhongneng Motorcycle Co., Ltd.	185	345	54%
13	Ducati Motor holding	156	520	30%
14	BMW Motorrad	128	392	33%
15	Astronautical Bashan	94	223	42%
Totals		15,857	38,055	Average: 44%



Appendix A: Motorcycle Theft

The NCIC theft data from 2017 was edited in the following manner:

- Records with thefts of anything other than motorcycle models were removed.
- Records with blank or incomplete VIN fields were removed.
- Records with motorcycle parts (wheels, tracks, etc.) were removed.
- ATVs, watercraft, golf carts, motorized wheelchairs, snowmobiles, toys, go-carts, farm equipment, etc. that were mislabeled as a motorcycle style were removed.
- VIN structures that began with "ATV" were removed.
- VMA was used to identify Manufacturers.
- Records determined to be purged were removed.