NICB ForeCAST℠ REPORT

Date: March 15, 2016

Regarding: **2015 Motorcycle Theft and Recovery (through 02/08/2016) Report** (Public Dissemination)

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Executive Summary

This ForeCAST Report analyzes motorcycle thefts for 2015 and recoveries for 2015 and 2016 (through 02/08/16) 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 2015 and recovery data for 2015 and 2016 (through 02/08/16) 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 2015 by Theft: year, month, state, city, county, and make. The second section analyzes motorcycle recoveries in the U.S. for 2015 and 2016 (through 02/08/16) 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 45,555 motorcycle thefts in the U.S. in 2015. From 2014 to 2015, motorcycle thefts increased by 6%. Motorcycle thefts occur more frequently in the warmer months, where August and July had the most motorcycle thefts, while February had less frequent thefts. Motorcycle thefts were highest in the state of California (7,221) in 2015. South Dakota had the largest percent increase (96%) in motorcycle thefts from 2014 to 2015, while Delaware had the largest percent decrease (-51%) in motorcycle thefts from 2014 to 2015. Analysis by city found New York, NY to have the highest count of thefts (1,340) in 2015, a 30% increase over 2014.

There were 2,029 U.S. counties identified in 2015 with a motorcycle theft. The top 25 counties accounted for 32% of motorcycle thefts in 2015, with Los Angeles County ranking 1st. Motorcycle thefts for 2014 – 2015 had substantial change in counts for 28 counties with greater than 3 standard deviations from the mean.

Analysis found Honda to be the manufacturer with the most thefts (8,674) in 2015. Manufacturer Taotao Group had the highest percent change (35%) for 2014 – 2015 in motorcycle thefts.

Of the 45,555 motorcycle thefts in 2015, 17,678 or 39% of the motorcycles were recovered from 01/01/2015 through 02/08/2016. In 2015, August (2,127) and September (2,012) were months with the largest number of motorcycle recoveries while January (511) and February (591) had the fewest motorcycle recoveries. In 2015, California had the most (3,173) recoveries statewide. The highest rate of recovery (45%) for the top 10 recovery states was Washington for 2015. Analysis found Honda to be the manufacturer with the most (3,352) recoveries in 2015. Manufacturer Triumph had the highest rate (60%) of recovery in the top 15 recovered manufacturers in 2015.

SECTION 1: Motorcycle Thefts in the U.S. 2015

This section analyzes the 45,555 motorcycle thefts which were reported to NCIC, in the U.S. in 2015. The following subsections further analyze the 45,555 motorcycle thefts by: theft: year, month, state, city, county, make, and motorcycle year.

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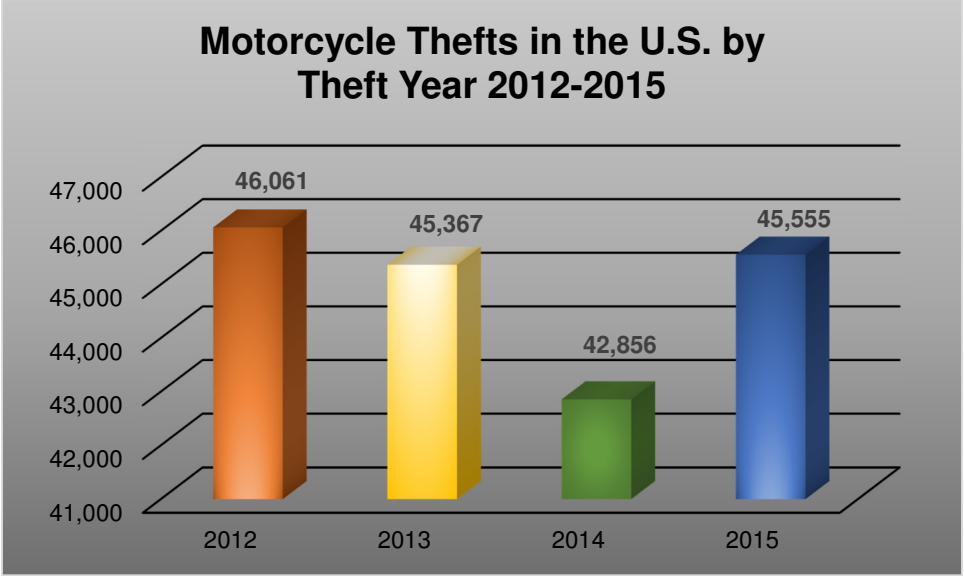
Motorcycle Thefts: By Year

The following graphs shows the comparison of reported motorcycle thefts in the U.S. for the theft years of 2012 through 2015. The number of motorcycle thefts[1] declined by 2% from 46,061 in 2012 to 45,367 in 2013. The number of motorcycle thefts declined 6% from 45,367 in 2013 to 42,856 in 2014. The number of motorcycle thefts increased by 6% from 42,856 in 2014 to 45,555 in 2015. Overall, motorcycle thefts declined by 1% from 2012 through 2015.



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 May, June, July, August, and September. Months with 6% or less of the year's total thefts occur in the winter months of January, February, and March. Theft count ranks highest (1st) in the month of August, with July ranking 2nd, with the months of May, June, and September tied in 3rd. The 3rd Quarter has the highest theft counts at 15,054 while the 1st Quarter had the lowest theft counts at 7,427. In 2015, motorcycle thefts had a higher count in every month compared to motorcycle thefts occurring in the same months in 2014.

[1] Data used for analysis came from NICB 2014 Motorcycle Theft (October, 2015)

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Month	2015 Thefts	Percent of Thefts (%)	Theft Rank
JANUARY	2,526	6%	11
FEBRUARY	2,093	5%	12
MARCH	2,808	6%	10
APRIL	3,523	8%	7
MAY	4,337	10%	5
JUNE	4,578	10%	4
JULY	5,026	11%	2
AUGUST	5,269	12%	1
SEPTEMBER	4,759	10%	3
OCTOBER	4,310	9%	6
NOVEMBER	3,318	7%	8
DECEMBER	3,008	7%	9
TOTALS	45,555	100%	

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Quarter	1			2			3			4		
2015 Totals	7,427			12,438			15,054			10,636		

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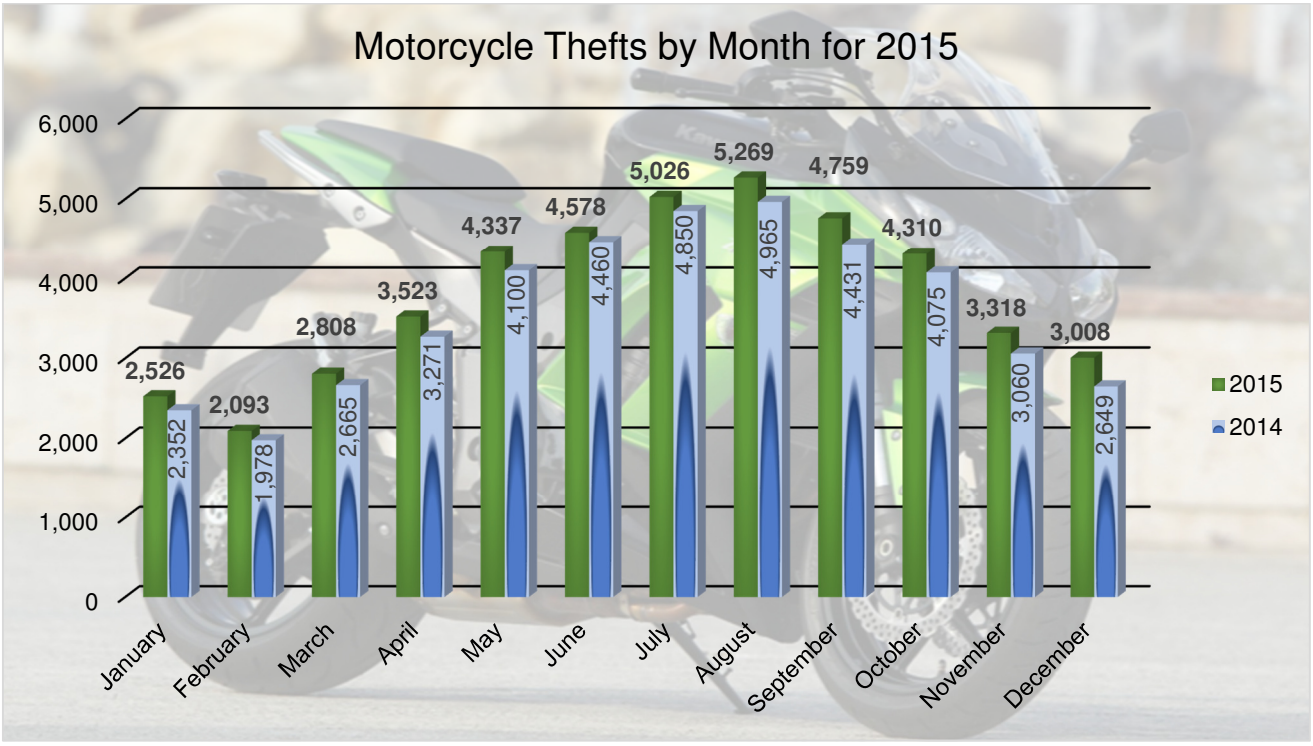

Motorcycle Thefts: By State

The following table shows the number of 2015 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 45,555 thefts in the U.S. in 2015 with the top 10 states of California, Florida, Texas, South Carolina, New York, North Carolina, Nevada, Georgia, Indiana, and Virginia account for over 59% of the total U.S. thefts in 2015.

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State	Quarter 1	Quarter 2	Quarter 3	Quarter 4	2015 Totals	Percent of Total Thefts	2015 Theft Rank
California	1,727	1,852	1,871	1,771	**7,221**	16%	**1**
Florida	1,055	1,264	1,194	1,245	**4,758**	10%	**2**
Texas	640	812	1,001	950	**3,403**	7%	**3**
South Carolina	342	665	674	479	**2,160**	5%	**4**
New York	133	546	737	486	**1,902**	4%	**5**
North Carolina	301	547	601	417	**1,866**	4%	**6**
Nevada	304	374	389	341	**1,408**	3%	**7**
Georgia	300	384	419	290	**1,393**	3%	**8**
Indiana	122	400	572	239	**1,333**	3%	**9**
Virginia	155	388	479	231	**1,253**	3%	**10**
Missouri	136	287	417	277	**1,117**	2%	**11**
Massachusetts	34	323	500	221	**1,078**	2%	**12**
Maryland	108	329	418	219	**1,074**	2%	**13**
Washington	185	255	362	213	**1,015**	2%	**14**
Colorado	100	222	400	234	**956**	2%	**15**
Pennsylvania	75	303	338	217	**933**	2%	**16**
Arizona	214	216	214	223	**867**	2%	**17**
Michigan	53	261	366	110	**790**	2%	**18**
Tennessee	110	208	280	189	**787**	2%	**19**
Ohio	76	201	285	164	**726**	2%	**20**
Louisiana	143	160	205	164	**672**	1%	**21**
Kentucky	69	198	242	135	**644**	1%	**22**
Oklahoma	114	177	206	146	**643**	1%	**23**
Arkansas	79	152	212	193	**636**	1%	**24**
Connecticut	48	198	273	113	**632**	1%	**25**
New Jersey	48	175	238	151	**612**	1%	**26**
New Mexico	93	122	187	153	**555**	1%	**27**
Illinois	39	174	216	117	**546**	1%	**28**
Kansas	81	138	193	127	**539**	1%	**29**
Alabama	99	140	165	117	**521**	1%	**30**
Oregon	98	120	173	116	**507**	1%	**31**
Utah	50	85	121	80	**336**	1%	**32**
Minnesota	23	76	136	58	**293**	1%	**33**
Iowa	20	80	111	59	**270**	1%	**34**
D.C.	14	90	120	32	**256**	1%	**35**
Wisconsin	19	76	113	39	**247**	1%	**36**
Mississippi	41	64	65	47	**217**	<1%	**37**
Hawaii	54	44	45	56	**199**	<1%	**38**
Idaho	32	47	50	22	**151**	<1%	**39**
West Virginia	16	43	52	32	**143**	<1%	**40**
Nebraska	12	35	64	28	**139**	<1%	**41**
Rhode Island	5	27	72	29	**133**	<1%	**42**
Montana	17	46	47	23	**133**	<1%	**42**
New Hampshire	5	26	56	19	**106**	<1%	**44**
North Dakota	10	20	46	10	**86**	<1%	**45**
Delaware	9	25	30	19	**83**	<1%	**46**
Alaska	7	22	27	3	**59**	<1%	**47**
South Dakota	7	11	25	10	**53**	<1%	**48**
Maine	2	13	19	8	**42**	<1%	**49**
Vermont	0	10	18	13	**41**	<1%	**50**
Wyoming	3	7	10	1	**21**	<1%	**51**
2015 Totals	7,427	12,438	15,054	10,636	**45,555**	100%	

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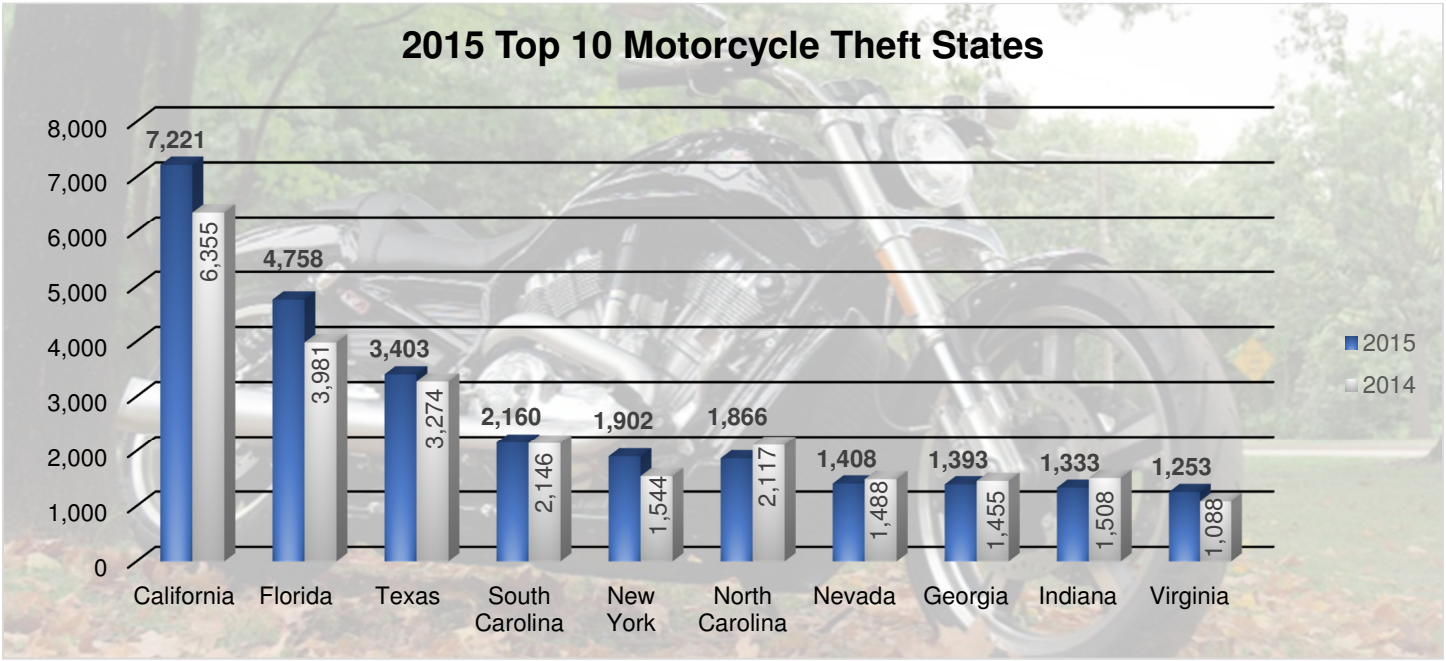
The following graph shows the top 10 states with the largest number of motorcycle thefts in the U.S. for 2015 compared to theft counts for 2014[2]. Six (6) of the top 10 states saw an increase in motorcycle theft in 2015 and 4 of the top 10 states saw a decrease in motorcycle theft. Of the top 10 states, California had the largest increase (866) in motorcycle thefts and North Carolina had the largest decrease (251) in motorcycle theft in 2015.



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

[2] Data used for analysis came from NICB 2014 Motorcycle Theft (October, 2015)

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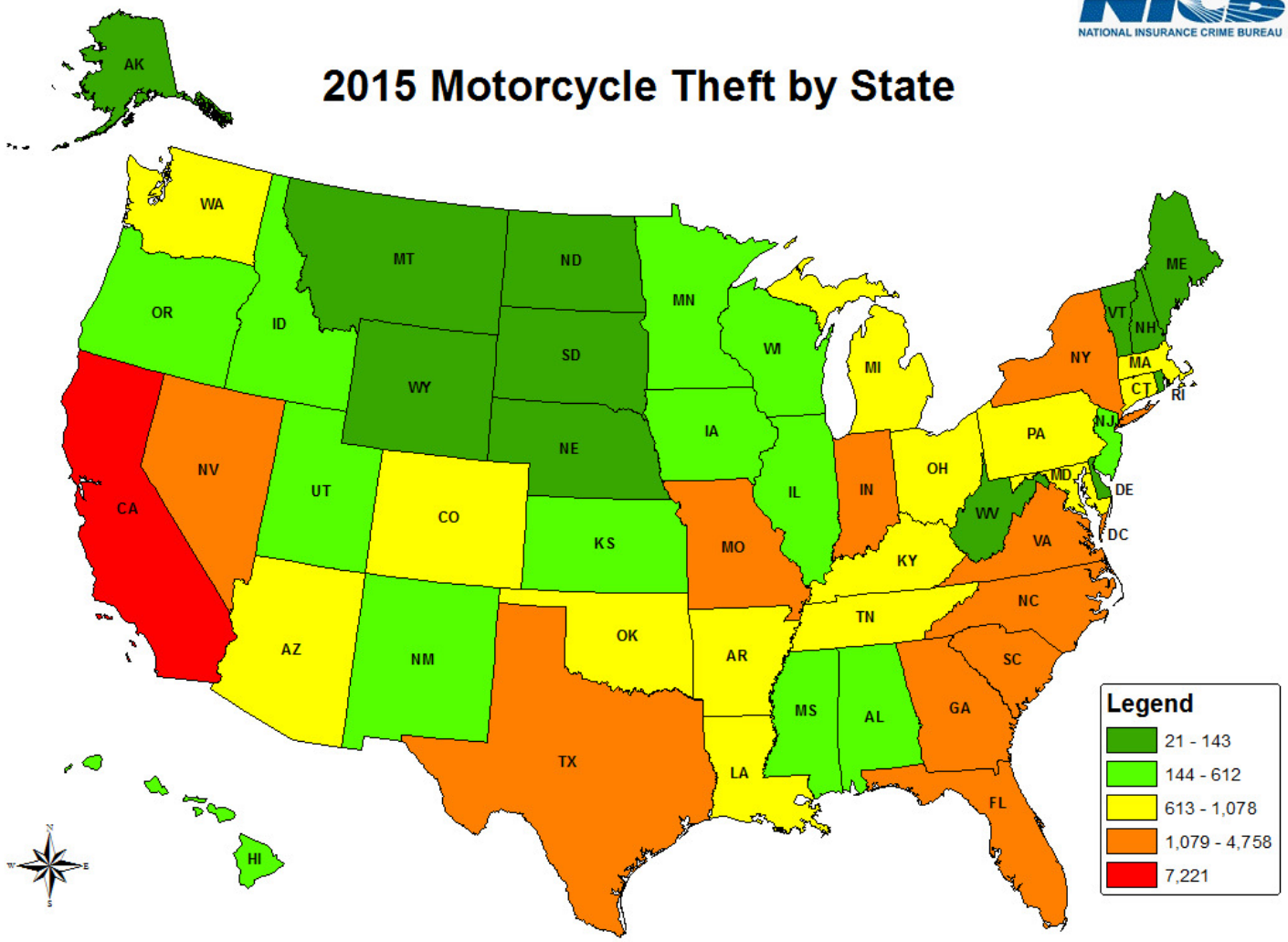

The following table shows the percent change of motorcycle thefts between 2014 and 2015 in the U.S. by theft state. The chart breaks down the states into 3 categories; states with increased thefts between 2014 and 2015, decreased thefts between 2014 and 2015, and thefts that saw no percent change between 2014 and 2015. The chart ranks each state in its respective category. There are 29 states that saw an increase in the number of motorcycle thefts in 2015 compared to 2014, with South Dakota having the highest increase (96%). There are 19 states that saw a decrease in the number of motorcycle thefts in 2015 compared to 2014, with Delaware having the highest decrease (-51%). Three (3) states saw no change in the number of thefts between 2015 and 2014. An asterisk (*) represents a tie in the state percent change rank.

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Increased Thefts			Decreased Thefts		
State	Percent Change 2014-2015	Rank	State	Percent Change 2014-2015	Rank
South Dakota	96%	1	Delaware	-51%	1
Alaska	79%	2	Iowa	-13%	2
North Dakota	65%	3	North Carolina	-12%	*3
New Hampshire	54%	4	Connecticut	-12%	*3
Vermont	46%	5	Indiana	-12%	*3
Kentucky	42%	6	Minnesota	-11%	6
Montana	33%	7	Michigan	-9%	*7
Colorado	31%	8	Wyoming	-9%	*7
Massachusetts	25%	9	Nebraska	-9%	*7
New York	23%	*10	Nevada	-5%	*10
Louisiana	23%	*10	Hawaii	-5%	*10
Idaho	20%	*12	Maryland	-5%	*10
Florida	20%	*12	Georgia	-4%	*13
Tennessee	19%	14	Illinois	-4%	*13
West Virginia	17%	15	Ohio	-3%	*13
New Jersey	16%	16	Maine	-2%	*16
Virginia	15%	*17	Arizona	-2%	*16
Mississippi	15%	*17	Rhode Island	-2%	*16
California	14%	19	Wisconsin	-2%	*16
Missouri	10%	20			
Kansas	9%	21			
New Mexico	7%	22			
Texas	4%	23			
Alabama	3%	24			
Utah	2%	*25			
Oklahoma	2%	*25			
Oregon	1%	*27			
Pennsylvania	1%	*27			
South Carolina	1%	*27			
Arkansas			0%		*Null*
Washington			0%		*Null*
D.C.			0%		*Null*

Motorcycle Thefts: By City

The following tables shows the top 15 cities in the U.S., listed by 2015 theft count. There were 45,555 motorcycle thefts in the U.S. in 2015. The top 15 cities accounted for 8,415 motorcycle thefts in 2015, an increase of 1,155 motorcycle thefts from 7,523 top 15 city[3] motorcycle thefts in 2014. Of the top 15 cities, 11

[3] The top 15 cities are different in 2014 and 2015.

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had an increase in motorcycle theft in 2015 with the largest increase (107%) for Tallahassee, FL followed by Miami Beach, FL in 2nd (81%), and San Francisco, CA in 3rd (41%). Four (4) cities listed a decrease in motorcycle theft in 2015 with Indianapolis, IN listing the largest change (-11%).

2015 Theft Rank	City	2014 Thefts	2015 Thefts	Percent Change 2014-2015
1	New York, NY	*1,034*	**1,340**	30%
2	Las Vegas, NV	*1,163*	**1,042**	-10%
3	San Francisco, CA	*516*	**729**	41%
4	San Diego, CA	*650*	**717**	10%
5	Miami, FL	*541*	**713**	32%
6	Houston, TX	*439*	**517**	18%
7	Los Angeles, CA	*397*	**486**	22%
8	San Antonio, TX	*447*	**431**	-4%
9	Indianapolis, IN	*422*	**375**	-11%
10	Albuquerque, NM	*390*	**373**	-4%
11	Philadelphia, PA	*297*	**355**	20%
12	Austin, TX	*320*	**348**	9%
13	Tallahassee, FL	*162*	**336**	107%
14	Orlando, FL	*292*	**333**	14%
15	Miami Beach, FL	*177*	**320**	81%

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

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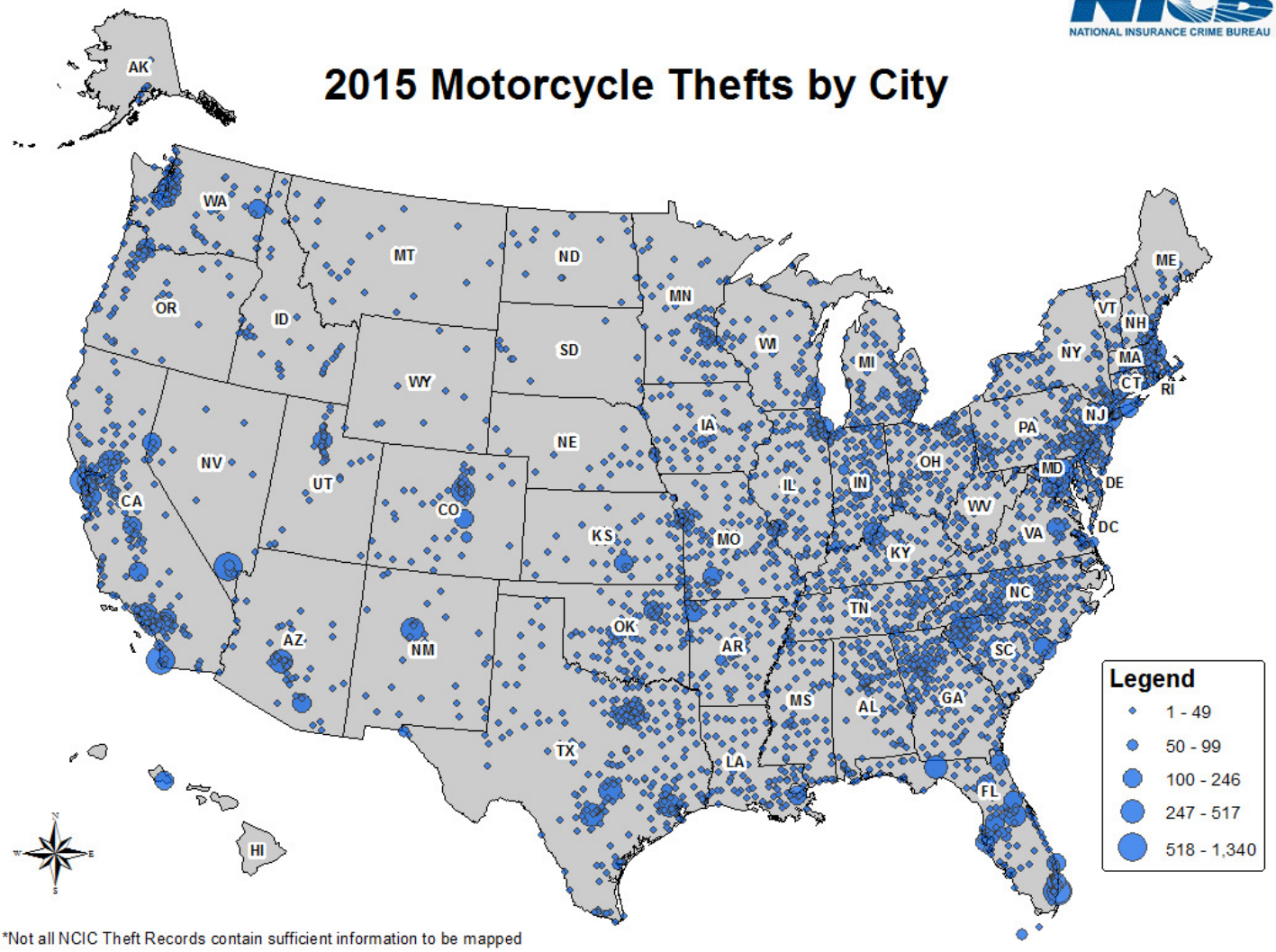

Motorcycle Thefts: By County Count

There were a total of 2,029 U.S. counties[4] identified as having a motorcycle theft occur in 2015. In 2014, a total of 1,973 U.S. counties were identified as having motorcycle thefts. There were 56 more counties in 2015 that had motorcycle thefts compared to 2014. Further analysis of the 2 years revealed that 360 of the 2,029 counties in 2015 had no motorcycle thefts in 2014.

[4] Note: 18 of the total 45,555 motorcycle thefts in 2015 did not contain county information and were not included in counts.

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The following table displays the top 25 counties, in 2015, with motorcycle thefts. The top 25 counties accounted for 14,689 thefts or 32% of the 45,555 motorcycle thefts in 2015. Los Angeles County was determined to have the highest count of thefts; 1,457 in 2015. The table lists the top 25 counties, 2014 theft counts, and percent change between 2014 and 2015. Of the top 25 counties, 17 saw an increase in motorcycle theft between 2014 and 2015 while 8 saw a decrease. The table also lists each county's rate[5] of motorcycle theft per 10,000 people, based on the 2013 U.S. Census population.

2015 Theft Rank	U.S. County	2014 Thefts	2015 Thefts	2014-2015 Theft Percent Change	2015 Theft Rate Per 10k
1	Los Angeles, CA	*1,272*	**1,457**	15%	1
2	New York, NY	*1,034*	**1,340**	30%	8
3	Miami-Dade, FL	*910*	**1,232**	35%	5
4	Clark, NV	*1,308*	**1,209**	-8%	6
5	San Diego, CA	*873*	**1,022**	17%	3
6	San Francisco, CA	*516*	**729**	41%	9
7	Harris, TX	*543*	**630**	16%	1
8	Maricopa, AZ	*576*	**544**	-6%	1
9	Broward, FL	*406*	**482**	19%	3
10	Alameda, CA	*445*	**453**	2%	3
11	Bexar, TX	*462*	**442**	-4%	2
12	Riverside, CA	*326*	**426**	31%	2
13	Marion, IN	*438*	**398**	-9%	4
14	King, WA	*378*	**387**	2%	2
15	Orange, CA	*287*	**387**	35%	1
16	Suffolk, MA	*295*	**376**	27%	5
17	Dallas, TX	*393*	**375**	-5%	2
18	Bernalillo, NM	*391*	**373**	-5%	6
19	San Bernardino, CA	*420*	**371**	-12%	2
20	Philadelphia, PA	*297*	**355**	20%	2
21	Travis, TX	*323*	**351**	9%	3
22	Orange, FL	*308*	**347**	13%	3
23	Horry, SC	*489*	**340**	-30%	12
24	Leon, FL	*162*	**336**	107%	12
25	Palm Beach, FL	*247*	**327**	32%	2

The following map illustrates a total list of counties and their theft count for 2015. The U.S. Census Bureau identified 3,143 counties in the U.S. In 2015, motorcycle thefts were identified in 2,029 U.S. counties.

[5] Rate: The rate for each county was determined by taking the theft count and dividing it by the 2013 census population estimates for that county and setting a parameter at the 10,000 level.

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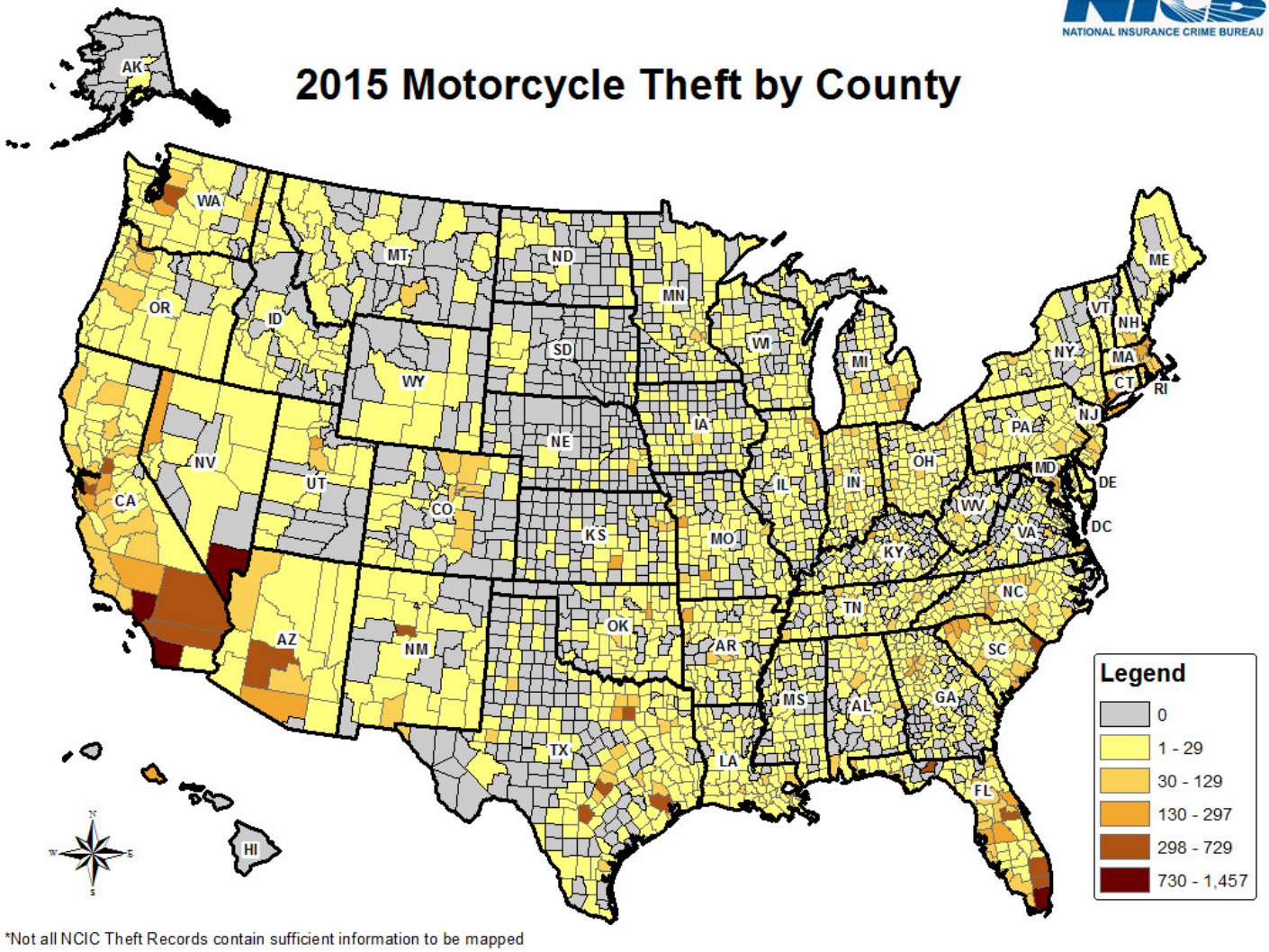

*Not all NCIC Theft Records contain sufficient information to be mapped

The following table shows a list of counties in the U.S. between 2014 and 2015 motorcycle theft count change per county, by standard deviation[6]. Twenty-eight (28) counties are greater than 3 standard deviations from the mean, all of which had a substantial change in motorcycle thefts between 2014 and 2015. Of the 29 counties, 20 counties had substantial increases in motorcycle thefts between 2014 and 2015 and are greater than 3 standard deviations from the mean. The remaining 8 counties had substantial decreases in motorcycle thefts between 2014 and 2015 and greater than 3 standard deviations from the mean. The following table only lists counties greater than 3 standard deviations from the mean.

[6] County theft count change data was standardized using z-Scores.

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County	2014 Theft Count	2015 Theft Count	2014-2015 Percent Change	2014-2015 Z-Scores
Miami-Dade, FL	910	1,232	35%	**18.9**
New York, NY	1,034	1,340	30%	**17.9**
San Francisco, CA	516	729	41%	**12.5**
Los Angeles, CA	1,272	1,457	15%	**10.8**
Leon, FL	162	336	107%	**10.2**
San Diego, CA	873	1,022	17%	**8.7**
Jefferson, KY	190	295	55%	**6.1**
Riverside, CA	326	426	31%	**5.8**
Orange, CA	287	387	35%	**5.8**
Denver, CO	195	284	46%	**5.1**
Harris, TX	543	630	16%	**5.0**
Suffolk, MA	295	376	27%	**4.7**
Palm Beach, FL	247	327	32%	**4.6**
Broward, FL	406	482	19%	**4.4**
Orleans, LA	141	215	52%	**4.3**
Essex, MA	101	173	71%	**4.1**
Jackson, MO	201	268	33%	**3.9**
Fayette, KY	56	122	118%	**3.8**
Philadelphia, PA	297	355	20%	**3.3**
Montgomery, TX	39	91	133%	**3.0**
San Bernardino, CA	420	371	-12%	**-3.0**
Polk, IA	115	66	-43%	**-3.0**
Cumberland, NC	146	96	-34%	**-3.0**
Anne Arundel, MD	159	108	-32%	**-3.1**
Cobb, GA	129	76	-41%	**-3.2**
Pinellas, FL	283	211	-25%	**-4.3**
Clark, NV	1,308	1,209	-8%	**-5.9**
Horry, SC	489	340	-30%	**-8.9**

The following map illustrates a total list of counties and their theft count change between 2014 and 2015 by standard deviation. The U.S. Census bureau identified 3,143 counties in the U.S. In 2015, motorcycle thefts were identified in 2,029 counties and 1,973 counties were identified in 2014 with motorcycle thefts.

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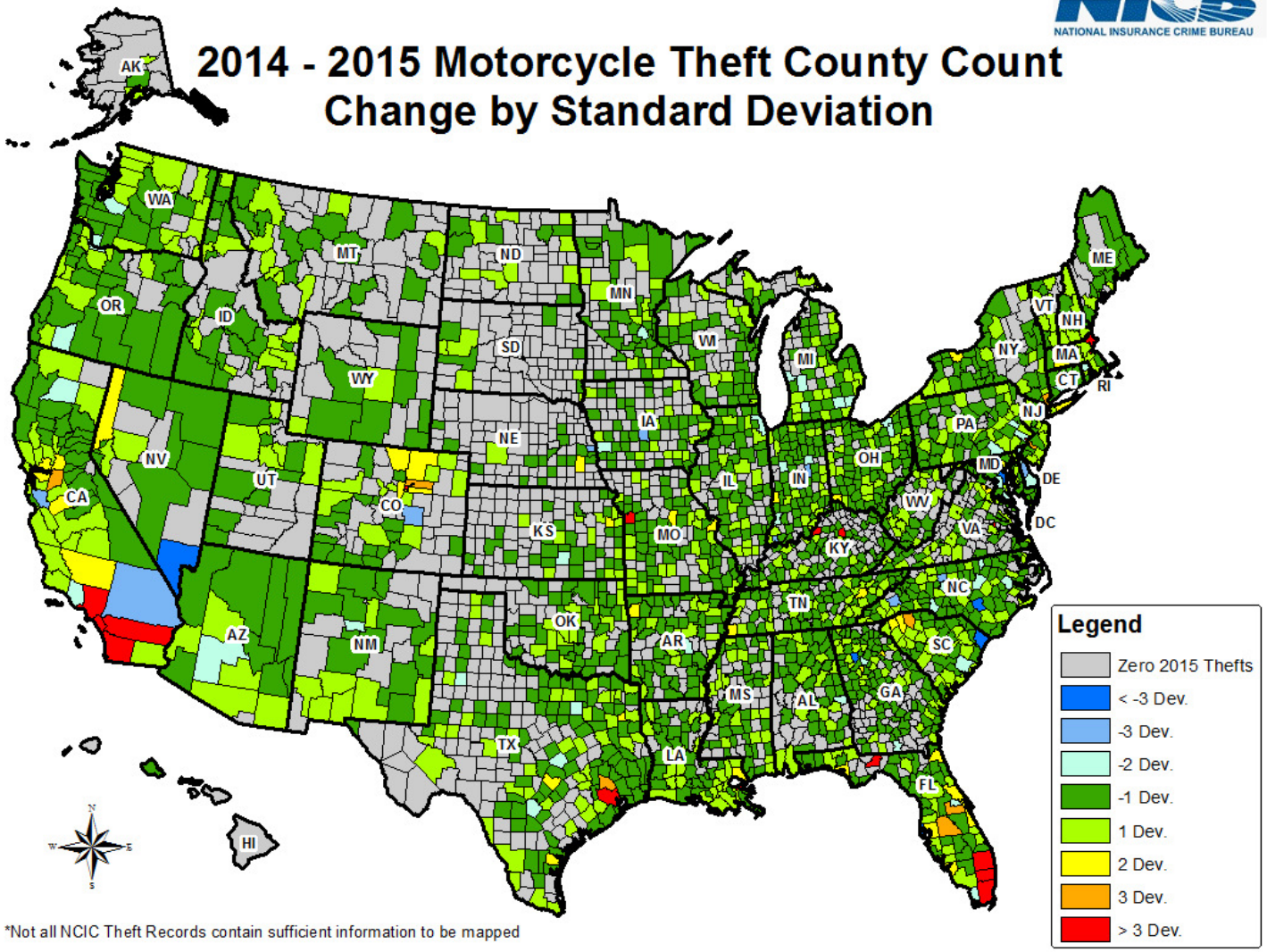
2014 - 2015 Motorcycle Theft County Count Change by Standard Deviation



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

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Motorcycle Thefts: By Make

There were a total of 471 motorcycle makes[7] identified within the 45,555 motorcycle thefts in the U.S. in 2015. The following table displays the top 15 makes with motorcycle thefts in 2015. The top 15 makes accounted for 38,392 of the total 45,555 thefts in 2015 or about 84%. Honda accounted for the most thefts in 2015 with 8,674 thefts, with Yamaha 2nd, and Suzuki 3rd. All of the top 15 makes had an increase in the reported number of thefts in 2015 compared to 2014. Taotao Group listed the highest increase in the number of motorcycle thefts (59%) in 2015.

2015 Theft Rank	Make	2014 Thefts	2015 Thefts	Percent Change 2014-2015
1	American Honda Motor Co., Inc.	*8,045*	**8,674**	8%
2	Yamaha Motor Corporation	*6,728*	**7,214**	7%
3	American Suzuki Motor Corporation	*5,987*	**6,065**	1%
4	Kawasaki Motors Corp., U.S.A.	*4,497*	**4,920**	9%
5	Harley Davidson, Inc.	*4,146*	**4,416**	7%
6	Taotao Group Co. Ltd	*1,730*	**2,757**	59%
7	KTM Sportmotorcycle AG	*489*	**630**	29%
8	Astronautical Bashan	*535*	**620**	16%
9	Jonway Group Co., Ltd.	*503*	**520**	3%
10	Kymco U.S.A., Inc	*447*	**512**	15%
11	Genuine Cycle	*449*	**499**	11%
12	Ducati Motor Holding	*426*	**447**	5%
13	Vespa International	*364*	**404**	11%
14	Zhongneng Motorcycle Co., Ltd.	*312*	**372**	19%
15	Triumph Motorcycle Ltd.	*312*	**348**	12%

[7] Note: 2,467 motorcycle (CYCL) records were not included in the Top15 theft rankings as the actual Manufacturers were not specifically identified.

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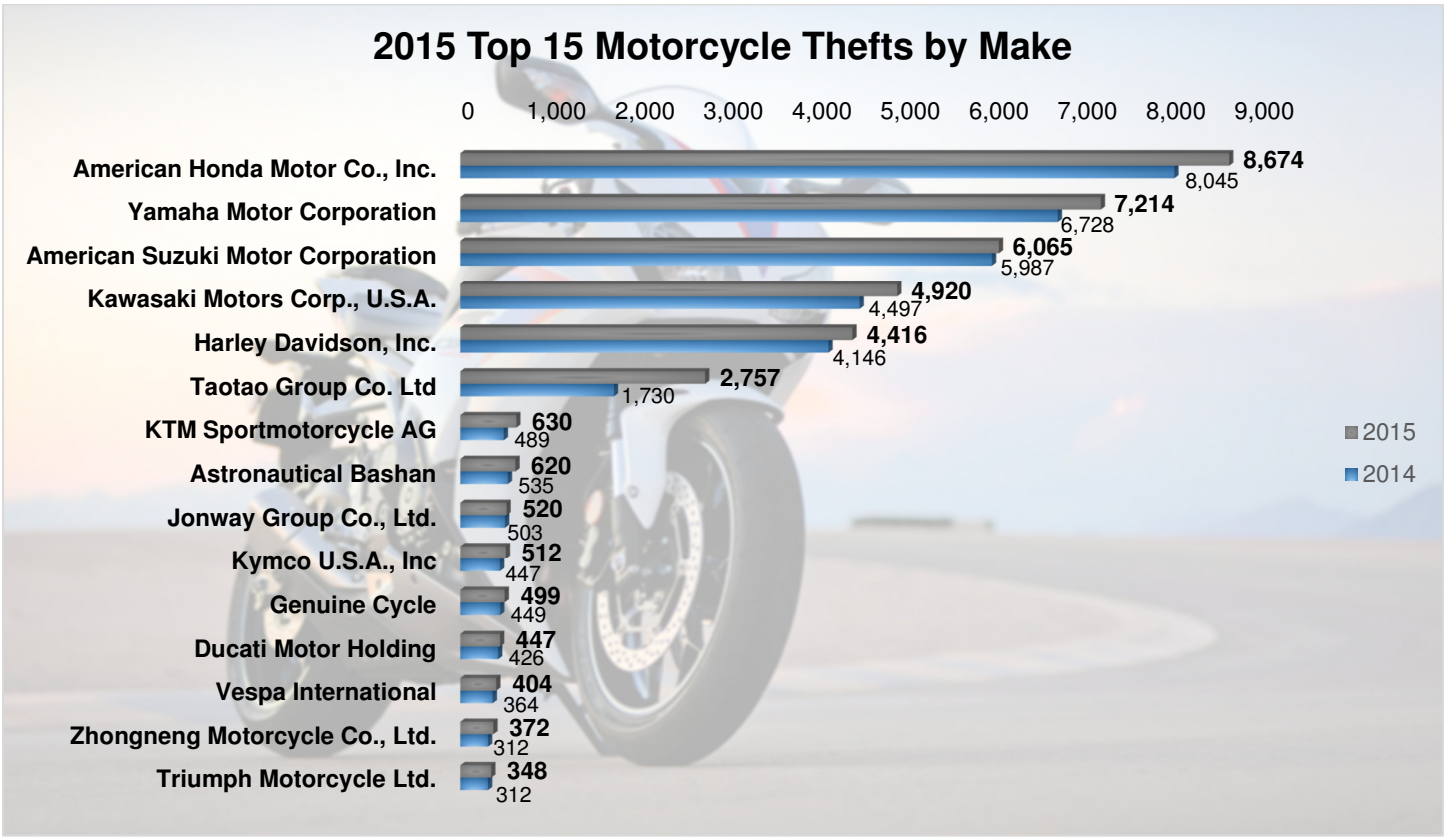

SECTION 2: Motorcycle Recoveries in the U.S. (2015 through 02/08/16)

This section analyzed the 2015 U.S. motorcycle thefts recovered between 01/01/2015 and 02/08/2016. There were 17,678 motorcycle recoveries associated with the 45,555 motorcycle thefts in the U.S. for 01/01/2015 through 02/08/2016. Of the 17,678 motorcycle recoveries, 16,850 recoveries occurred between 01/01/2015 and 12/31/2015 and 828 were between 01/01/2016 and 02/08/2015. The following subsections further analyze these 17,678 motorcycle recoveries by: year, month, state, and motorcycle make.

Motorcycle Recoveries: By Year

The pie chart shows the recovery rate, which was 39% for the 2015 motorcycle thefts recovered in 2015 through 02/08/2016. Analyzing the recoveries by year for 2014 and 2015, the table shows there was an 11% increase or 1,644 more recoveries for a total of 16,850 motorcycle recovered in the year 2015 compared to 15,206 in 2014[8].

[8] Data used for analysis came from NICB 2014 Motorcycle Theft (October, 2015)

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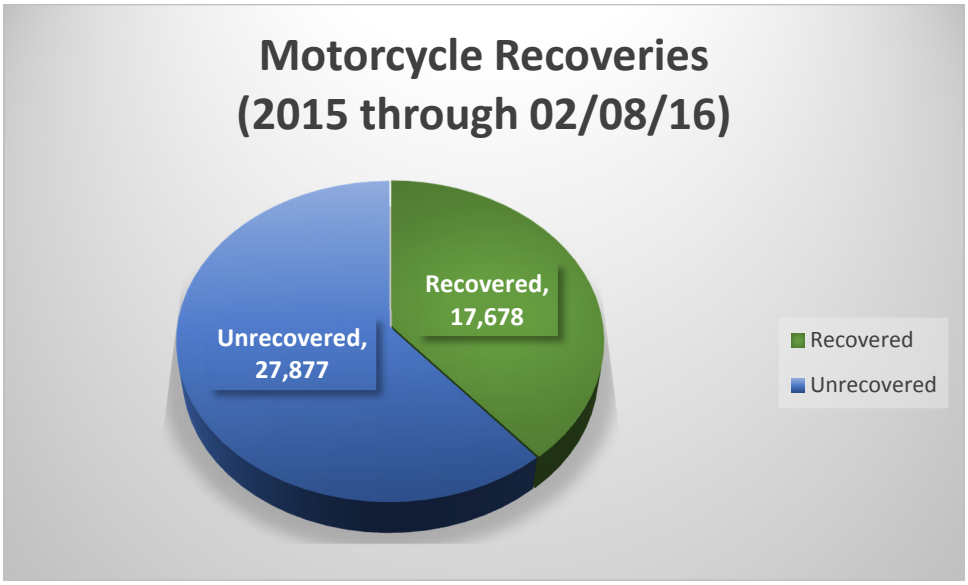

Year	Recovered Thefts	Percent Change
2015	16,850	11%
2014	15,206	

Motorcycle Recoveries: By Month

The following chart shows the number of motorcycle recoveries by month from 2015 through 02/08/2016. The chart is analyzed by months and years. The highest recovery occurred in August with 2,127 recoveries and followed by September with 2,012 recoveries as well. The months with the fewest number of motorcycle recoveries in 2015 were January (511) and February (591).

Month	2015 Recoveries	2016 Recoveries
JANUARY	511	664
FEBRUARY	591	164
MARCH	819	TBD
APRIL	1,105	TBD
MAY	1,441	TBD
JUNE	1,689	TBD
JULY	2,000	TBD
AUGUST	2,127	TBD
SEPTEMBER	2,012	TBD
OCTOBER	1,832	TBD
NOVEMBER	1,417	TBD
DECEMBER	1,306	TBD
TOTALS	16,850	828

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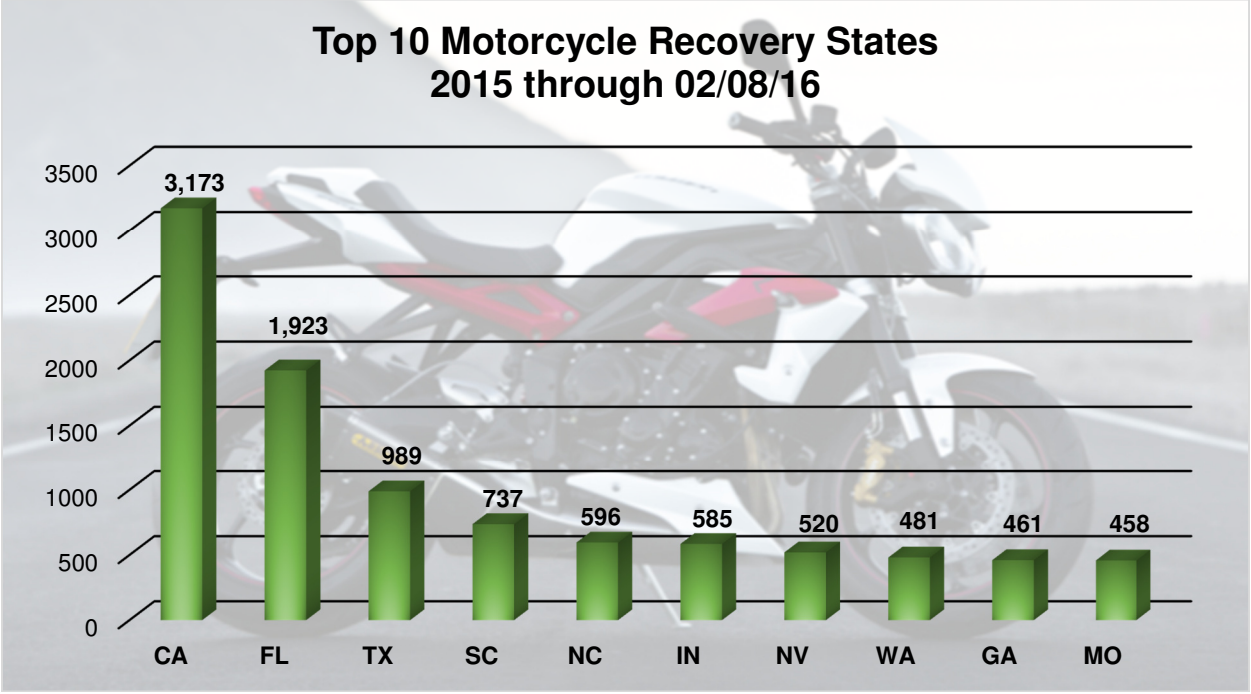
Motorcycle Recoveries: By State

The graph below shows the top 10 states for motorcycles stolen in 2015 and recovered between 2015 through 02/08/2016. The top 10 states accounted for 9,923 motorcycle recoveries, or 56%. The state with the most motorcycle recoveries was California with 3,173 motorcycle recoveries, or 18% of the 17,678 motorcycle recoveries between 01/01/2015 and 02/08/2016.



The following table displays the number of recoveries for 2015 through 02/08/2016 by recovery state. The chart is analyzed by year and then is ranked by totals number of recoveries from 2015 through 02/08/16. Seven hundred and forty eight (748) recoveries, or 4%, did not identify a state and were therefore not listed on this table. Additionally, the table lists rate of recovery for the 2015 thefts vs 2015 recoveries only.

Recovery Rank	State	2015 Recovery	2015 Recoveries through 02/08/16	Total Recoveries from 01/01/15 – 02/08/16	2015 Rate of Recovery
1	California	*3,054*	*119*	**3,173**	42%
2	Florida	*1,851*	*72*	**1,923**	39%
3	Texas	*923*	*66*	**989**	27%
4	South Carolina	*682*	*55*	**737**	32%
5	North Carolina	*570*	*26*	**596**	31%
6	Indiana	*574*	*11*	**585**	43%
7	Nevada	*493*	*27*	**520**	35%
8	Washington	*458*	*23*	**481**	45%
9	Georgia	*439*	*22*	**461**	32%
10	Missouri	*439*	*19*	**458**	39%
11	Colorado	*420*	*19*	**439**	44%
12	Virginia	*392*	*7*	**399**	31%
13	Maryland	*371*	*8*	**379**	35%
14	New York	*351*	*14*	**365**	18%
15	Massachusetts	*330*	*11*	**341**	31%

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Recovery Rank	State	2015 Recovery	2015 Recoveries through 02/08/16	Total Recoveries from 01/01/15 – 02/08/16	2015 Rate of Recovery
16	Arizona	*300*	*17*	**317**	35%
17	Arkansas	*271*	*17*	**288**	43%
18	Kentucky	*266*	*13*	**279**	41%
19	Pennsylvania	*266*	*12*	**278**	29%
20	Michigan	*259*	*11*	**270**	33%
20	Oklahoma	*259*	*11*	**270**	40%
22	Tennessee	*254*	*7*	**261**	32%
23	Ohio	*238*	*10*	**248**	33%
24	New Mexico	*233*	*13*	**246**	42%
25	Kansas	*230*	*11*	**241**	43%
25	Louisiana	*226*	*15*	**241**	34%
27	Connecticut	*210*	*5*	**215**	33%
28	Oregon	*193*	*18*	**211**	38%
29	Alabama	*162*	*12*	**174**	31%
30	Illinois	*163*	*6*	**169**	30%
31	New Jersey	*158*	*6*	**164**	26%
32	Utah	*159*	*3*	**162**	47%
33	District Of Columbia	*140*	*4*	**144**	55%
34	Minnesota	*123*	*1*	**124**	42%
35	Iowa	*94*	*4*	**98**	35%
36	Hawaii	*79*	*9*	**88**	40%
36	Wisconsin	*84*	*4*	**88**	34%
38	Nebraska	*64*	*1*	**65**	46%
39	Idaho	*58*	*5*	**63**	38%
39	Montana	*58*	*1*	**59**	44%
41	Mississippi	*53*	*3*	**56**	24%
42	Rhode Island	*47*	*1*	**48**	35%
43	West Virginia	*45*	*2*	**47**	31%
44	North Dakota	*38*	*1*	**39**	44%
45	Delaware	*26*	*1*	**27**	31%
45	New Hampshire	*24*	*3*	**27**	23%
47	Alaska	*25*	*0*	**25**	42%
48	South Dakota	*20*	*1*	**21**	38%
49	Maine	*16*	*1*	**17**	38%
50	Vermont	*4*	*0*	**4**	10%
51	Wyoming	*9*	*1*	**10**	43%

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

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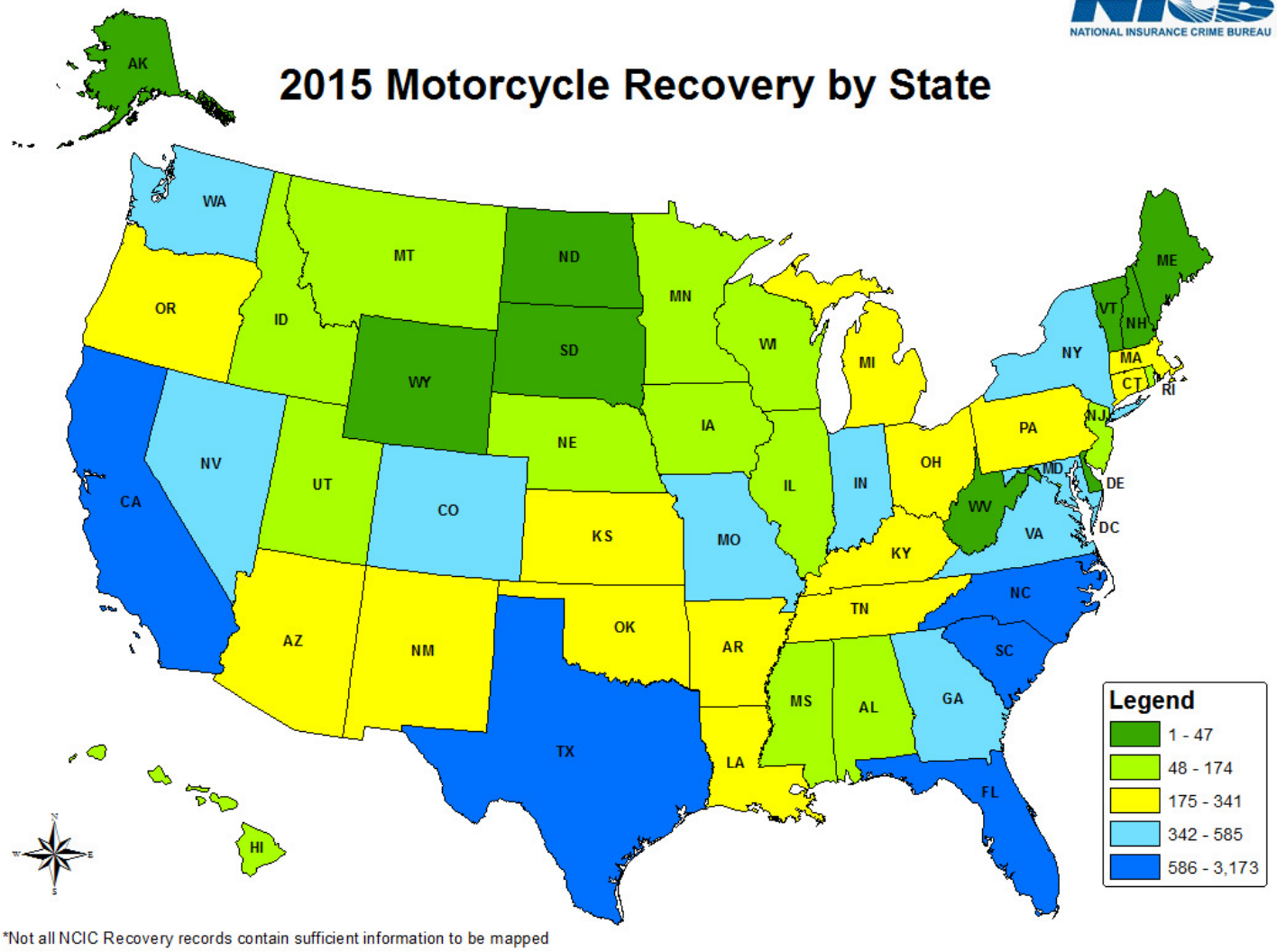

*Not all NCIC Recovery records contain sufficient information to be mapped

Motorcycle Recoveries: By Make

A total of 316 motorcycle makes were identified from the 17,678 motorcycle recoveries in the U.S. from 2015 through 02/08/2016. The following table and graph displays the top 15 makes of motorcycle recoveries. The top 15 makes accounted for 14,713 motorcycle recoveries, or 83% of the 17,678 motorcycle recoveries. The make with the most recoveries was Honda which accounted for 19% of the total motorcycle recoveries. Of the top 15 makes, Triumph had the highest rate of recovery at 60%.
*Note: 1,049 (CYCL) records were not included in the top 15 recovery ranking as the actual manufacturer was not specifically identified.

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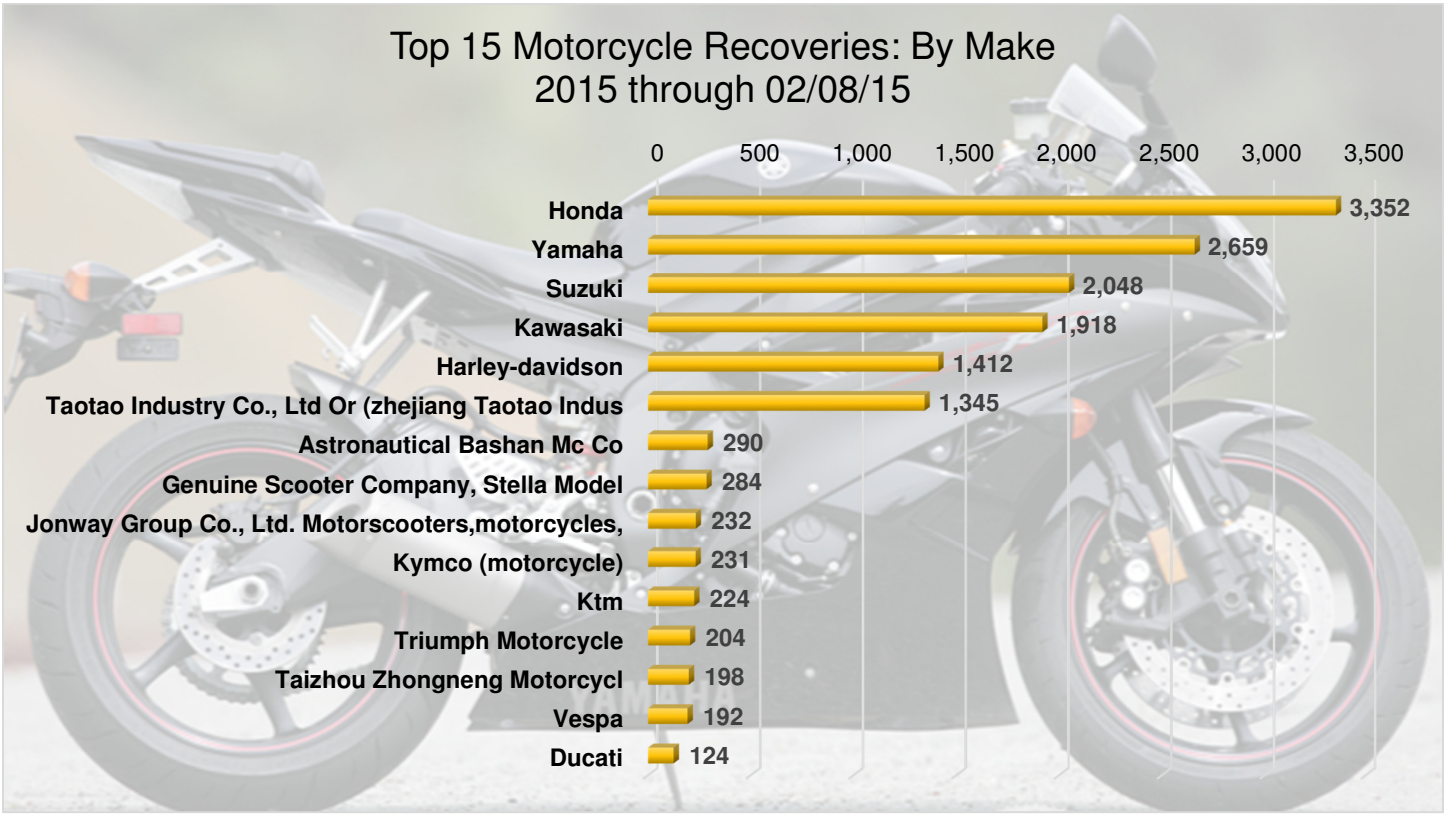
Recovery Rank	Make*	2015 Recoveries through 02/08/16	2015 Thefts	Rate of Recovery
1	American Honda Motor Co., Inc	**3,352**	8,674	39%
2	Yamaha Motor Corporation	**2,659**	7,214	37%
3	American Suzuki Motor Corporation	**2,048**	6,065	34%
4	Kawasaki Motors Corp., U.S.A.	**1,918**	4,920	39%
5	Harley Davidson, Inc.	**1,412**	4,416	32%
6	Taotao Group Co. Ltd	**1,345**	2,757	49%
7	Astronautical Bashan	**290**	620	47%
8	Genuine Cycle	**284**	499	57%
9	Jonway Group Co., Ltd.	**232**	520	45%
10	KYMCO U.S.A., Inc.	**231**	512	45%
11	KTM Sportmotorcycle AG	**224**	630	36%
12	Triumph Motorcycles Ltd	**204**	342	60%
13	Zhongneng Motorcycle Co., Ltd.	**198**	372	53%
14	Vespa International	**192**	404	48%
15	Ducati Motor holding	**124**	447	28%
Totals		**14,713**	38,392	Average: 43%



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Appendix A: Motorcycle Theft

The NCIC theft data from 2015 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.
• Make was used to identify Manufacturers instead of VMA.

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