

# Motorcycles registered in the United States, 2002–2026

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## Overview

The following tables summarize the U.S. motorcycle population between 2002 (the earliest available year of data) and 2026, based on Institute analyses of data provided by S&P Global Mobility.

Registration counts as of January 1 of each year were provided by year, state, and Vehicle Identification Number (VIN) pattern (first 10 digits). Software developed and maintained by the Highway Loss Data Institute (HLDI) was used to decode VIN patterns to determine make, series, and model year, and to append information maintained by HLDI on motorcycle type and antilock braking system (ABS) availability. Only on-road classes of motorcycles were included.

Since the VIN information is constantly improving, counts in this paper may differ slightly from the previous versions.

## Selected observations

- The number of on-road motorcycles registered in the U.S. has been generally increasing throughout these years, approximately doubling from 4.3 million in 2002 to 8.8 million in 2023 and declining slightly to 8.5 million in 2026 (Tables 1a–1c).
- California and Florida have the largest number of registered motorcycles by large margins.
- Cruisers and touring bikes are the largest classes of registered motorcycles (Table 2).
- Choppers are a relatively new class designation from manufacturers. This class probably is undercounted, as similar motorcycles are custom builds and not identifiable from VINs.
- Scooter registrations have been increasing until about 2020 when they began declining, but these also may be undercounted as many have engines smaller than 50 cc and state laws (including registration requirements) vary widely for vehicles with such small engines.
- ABS availability has increased greatly among the on-road motorcycle fleet, from standard on 0.2% of registered motorcycles in 2002 to 27.1% in 2026 (Table 3). Similarly, registered motorcycles for which ABS was an optional feature increased from 1.6% in 2002 to 18.2% in 2026.
- The average age of registered motorcycles has increased from 9.0 years in 2002 to 15.3 years in 2026 (Table 4). Half of motorcycles registered in 2026 were at least 15 years old.

**Table 1a.** On-road motorcycles registered in the United States by state, 2002–2010.

|                      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Alabama              | 59,290    | 67,810    | 78,157    | 89,666    | 102,939   | 115,290   | 127,023   | 139,838   | 144,816   |
| Alaska               | 13,046    | 14,287    | 15,656    | 16,928    | 18,266    | 19,789    | 21,274    | 22,681    | 23,663    |
| Arizona              | 75,812    | 83,242    | 92,265    | 102,388   | 116,252   | 131,616   | 143,638   | 154,890   | 158,392   |
| Arkansas             | 32,144    | 37,281    | 42,757    | 48,652    | 56,601    | 63,924    | 71,565    | 80,591    | 82,735    |
| California           | 409,828   | 453,291   | 503,155   | 558,144   | 617,709   | 674,329   | 722,702   | 776,154   | 783,898   |
| Colorado             | 104,272   | 114,504   | 123,045   | 131,672   | 140,528   | 150,035   | 160,867   | 171,211   | 172,952   |
| Connecticut          | 56,524    | 62,236    | 68,058    | 72,984    | 77,822    | 83,212    | 87,899    | 91,774    | 92,258    |
| Delaware             | 12,723    | 13,997    | 15,446    | 17,129    | 19,075    | 20,983    | 22,086    | 23,510    | 24,002    |
| District of Columbia | 2,425     | 2,652     | 2,717     | 2,624     | 2,733     | 3,025     | 3,338     | 3,537     | 3,745     |
| Florida              | 239,920   | 272,428   | 312,879   | 360,720   | 418,139   | 474,496   | 512,502   | 552,162   | 550,841   |
| Georgia              | 98,494    | 112,475   | 126,977   | 142,687   | 158,306   | 175,287   | 190,126   | 206,959   | 208,690   |
| Hawaii               | 17,172    | 18,456    | 19,804    | 20,947    | 22,775    | 24,157    | 25,228    | 26,572    | 26,672    |
| Idaho                | 28,772    | 31,196    | 34,071    | 37,276    | 41,506    | 46,674    | 52,008    | 58,038    | 58,359    |
| Illinois             | 206,494   | 222,915   | 240,884   | 256,272   | 265,130   | 286,418   | 312,303   | 333,076   | 336,338   |
| Indiana              | 119,068   | 130,931   | 141,746   | 152,323   | 161,975   | 170,683   | 180,206   | 194,410   | 199,372   |
| Iowa                 | 74,581    | 80,080    | 87,412    | 95,222    | 103,212   | 111,722   | 120,612   | 130,910   | 136,646   |
| Kansas               | 47,561    | 51,871    | 56,953    | 62,563    | 68,743    | 75,845    | 82,909    | 91,684    | 95,898    |
| Kentucky             | 52,241    | 61,715    | 71,326    | 80,912    | 90,550    | 99,203    | 108,137   | 115,610   | 118,509   |
| Louisiana            | 50,204    | 56,966    | 63,440    | 69,246    | 74,966    | 83,453    | 89,588    | 96,679    | 98,732    |
| Maine                | 22,228    | 27,055    | 30,754    | 35,334    | 39,474    | 42,658    | 40,878    | 50,519    | 53,021    |
| Maryland             | 65,144    | 73,830    | 82,436    | 92,292    | 102,160   | 112,096   | 120,436   | 126,199   | 127,994   |
| Massachusetts        | 94,087    | 105,655   | 115,878   | 122,747   | 127,322   | 132,052   | 135,799   | 139,531   | 139,895   |
| Michigan             | 174,541   | 188,762   | 203,089   | 216,428   | 228,996   | 240,825   | 253,504   | 265,264   | 263,302   |
| Minnesota            | 123,623   | 136,491   | 149,113   | 161,674   | 172,942   | 184,433   | 196,623   | 210,750   | 214,399   |
| Mississippi          | 25,340    | 29,205    | 33,476    | 37,892    | 42,597    | 48,085    | 52,375    | 57,705    | 58,316    |
| Missouri             | 67,774    | 76,085    | 85,017    | 94,991    | 105,933   | 117,526   | 127,706   | 138,661   | 142,399   |
| Montana              | 19,281    | 21,478    | 25,148    | 28,697    | 22,406    | 24,504    | 26,692    | 30,578    | 33,041    |
| Nebraska             | 23,421    | 26,309    | 29,757    | 33,453    | 37,140    | 41,222    | 45,245    | 49,928    | 52,633    |
| Nevada               | 34,156    | 38,001    | 42,021    | 47,713    | 54,096    | 59,979    | 64,861    | 68,021    | 67,657    |
| New Hampshire        | 45,640    | 41,763    | 41,512    | 53,625    | 67,450    | 71,713    | 74,186    | 76,528    | 76,027    |
| New Jersey           | 106,255   | 117,457   | 128,761   | 138,185   | 148,618   | 154,177   | 163,068   | 166,964   | 165,480   |
| New Mexico           | 32,934    | 36,287    | 40,259    | 44,023    | 48,616    | 54,092    | 59,824    | 66,295    | 68,364    |
| New York             | 245,672   | 260,903   | 260,132   | 277,366   | 294,455   | 294,393   | 312,303   | 331,572   | 339,953   |
| North Carolina       | 122,812   | 138,793   | 150,889   | 167,359   | 185,119   | 202,940   | 219,195   | 235,281   | 233,909   |
| North Dakota         | 13,563    | 15,032    | 16,697    | 18,689    | 20,887    | 23,314    | 25,923    | 28,877    | 30,221    |
| Ohio                 | 223,996   | 243,549   | 262,714   | 281,720   | 301,871   | 321,792   | 344,081   | 367,178   | 369,505   |
| Oklahoma             | 51,723    | 58,639    | 65,430    | 72,162    | 79,790    | 90,903    | 101,106   | 111,541   | 114,980   |
| Oregon               | 63,935    | 68,741    | 74,182    | 78,588    | 84,470    | 92,143    | 100,719   | 111,670   | 116,263   |
| Pennsylvania         | 213,516   | 234,974   | 254,615   | 280,478   | 308,345   | 336,043   | 355,477   | 382,164   | 396,578   |
| Rhode Island         | 17,345    | 19,298    | 21,230    | 23,265    | 25,086    | 26,773    | 28,101    | 29,240    | 29,389    |
| South Carolina       | 62,012    | 69,125    | 74,072    | 80,818    | 88,692    | 98,296    | 107,702   | 116,474   | 114,312   |
| South Dakota         | 22,522    | 24,912    | 27,421    | 29,943    | 32,712    | 35,528    | 38,252    | 41,186    | 42,537    |
| Tennessee            | 76,307    | 85,356    | 95,564    | 108,784   | 124,476   | 140,462   | 156,606   | 171,546   | 172,258   |
| Texas                | 213,415   | 241,938   | 274,069   | 306,876   | 347,591   | 388,844   | 428,326   | 479,286   | 483,650   |
| Utah                 | 36,443    | 40,068    | 44,767    | 49,688    | 55,436    | 63,214    | 72,825    | 85,764    | 90,752    |
| Vermont              | 14,740    | 16,467    | 18,002    | 19,386    | 21,016    | 22,986    | 24,806    | 26,637    | 27,005    |
| Virginia             | 94,462    | 106,750   | 119,141   | 134,288   | 149,634   | 164,978   | 178,396   | 191,057   | 195,276   |
| Washington           | 118,651   | 128,461   | 140,443   | 155,908   | 173,514   | 193,214   | 210,943   | 230,115   | 234,752   |
| West Virginia        | 25,933    | 29,650    | 33,112    | 37,130    | 41,566    | 46,260    | 51,098    | 55,731    | 56,909    |
| Wisconsin            | 173,637   | 184,020   | 201,908   | 213,037   | 232,332   | 246,596   | 266,809   | 283,209   | 295,199   |
| Wyoming              | 13,812    | 15,519    | 17,310    | 19,013    | 20,810    | 23,105    | 25,693    | 27,996    | 28,462    |
| Total                | 4,339,491 | 4,788,906 | 5,255,667 | 5,779,907 | 6,342,779 | 6,905,287 | 7,443,569 | 8,023,753 | 8,150,956 |

**Table 1b.** On-road motorcycles registered in the United States by state, 2011–2020.

|                      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Alabama              | 149,069   | 153,279   | 157,404   | 161,060   | 164,347   | 167,516   | 171,705   | 174,060   | 174,298   | 171,671   |
| Alaska               | 24,027    | 24,528    | 25,215    | 25,691    | 25,863    | 25,977    | 26,244    | 25,307    | 24,367    | 23,915    |
| Arizona              | 161,159   | 166,859   | 174,448   | 184,303   | 191,449   | 200,632   | 207,575   | 206,290   | 213,124   | 216,774   |
| Arkansas             | 82,199    | 81,110    | 78,902    | 78,238    | 76,881    | 75,284    | 74,350    | 72,708    | 71,828    | 70,616    |
| California           | 784,454   | 799,611   | 823,390   | 862,934   | 896,710   | 933,977   | 959,340   | 954,968   | 957,853   | 957,581   |
| Colorado             | 171,906   | 170,258   | 171,379   | 178,966   | 182,268   | 186,507   | 187,801   | 188,947   | 189,552   | 202,487   |
| Connecticut          | 91,574    | 89,322    | 92,775    | 92,144    | 92,195    | 92,196    | 94,126    | 92,723    | 91,367    | 89,831    |
| Delaware             | 24,577    | 25,853    | 26,384    | 26,693    | 26,893    | 27,071    | 27,050    | 26,638    | 26,601    | 26,621    |
| District of Columbia | 4,009     | 4,290     | 4,461     | 5,019     | 5,150     | 5,215     | 5,170     | 5,325     | 5,293     | 5,255     |
| Florida              | 540,042   | 546,218   | 544,162   | 561,802   | 576,018   | 591,986   | 600,193   | 597,348   | 601,339   | 620,173   |
| Georgia              | 210,096   | 209,608   | 206,999   | 205,704   | 208,145   | 210,981   | 209,927   | 214,399   | 214,874   | 218,544   |
| Hawaii               | 26,755    | 26,758    | 24,047    | 29,293    | 31,367    | 28,480    | 32,664    | 55,528    | 59,426    | 35,928    |
| Idaho                | 56,693    | 58,968    | 57,915    | 60,772    | 62,694    | 64,131    | 64,713    | 65,118    | 66,931    | 68,108    |
| Illinois             | 337,144   | 326,249   | 320,230   | 322,251   | 320,250   | 318,586   | 297,648   | 301,914   | 299,765   | 304,027   |
| Indiana              | 199,588   | 202,650   | 203,626   | 207,015   | 210,555   | 228,487   | 233,707   | 232,239   | 229,092   | 230,450   |
| Iowa                 | 140,667   | 144,534   | 147,687   | 152,137   | 156,317   | 159,693   | 162,816   | 163,578   | 164,955   | 168,749   |
| Kansas               | 98,824    | 101,001   | 101,879   | 103,230   | 104,043   | 104,178   | 104,392   | 103,874   | 103,292   | 102,252   |
| Kentucky             | 117,981   | 118,325   | 117,272   | 117,810   | 119,616   | 119,321   | 118,184   | 117,260   | 115,913   | 118,670   |
| Louisiana            | 97,938    | 91,872    | 89,886    | 92,701    | 92,514    | 92,427    | 90,296    | 87,549    | 84,959    | 82,238    |
| Maine                | 49,136    | 52,905    | 56,817    | 55,106    | 57,961    | 58,027    | 57,466    | 56,536    | 60,174    | 61,453    |
| Maryland             | 126,758   | 124,518   | 121,609   | 122,901   | 123,622   | 121,125   | 118,755   | 115,028   | 113,218   | 111,576   |
| Massachusetts        | 138,551   | 142,103   | 141,449   | 142,186   | 143,536   | 145,738   | 146,965   | 146,601   | 145,622   | 144,681   |
| Michigan             | 259,532   | 254,601   | 250,425   | 249,490   | 247,196   | 247,675   | 250,700   | 249,892   | 248,204   | 245,082   |
| Minnesota            | 214,674   | 211,369   | 210,243   | 214,358   | 218,956   | 219,705   | 214,865   | 185,266   | 209,945   | 208,476   |
| Mississippi          | 57,944    | 55,047    | 51,855    | 53,110    | 53,018    | 51,800    | 50,611    | 50,475    | 50,325    | 50,461    |
| Missouri             | 143,212   | 141,377   | 136,582   | 138,302   | 139,252   | 139,363   | 139,989   | 137,267   | 136,016   | 131,768   |
| Montana              | 34,494    | 35,752    | 39,134    | 47,084    | 50,908    | 54,355    | 57,634    | 59,891    | 62,774    | 65,541    |
| Nebraska             | 53,965    | 53,279    | 52,726    | 54,355    | 54,838    | 54,197    | 55,120    | 53,940    | 54,050    | 57,398    |
| Nevada               | 66,413    | 65,550    | 65,785    | 69,036    | 71,645    | 73,805    | 74,558    | 75,627    | 77,560    | 81,982    |
| New Hampshire        | 74,831    | 74,357    | 74,713    | 75,452    | 76,675    | 78,406    | 80,173    | 81,505    | 82,638    | 83,238    |
| New Jersey           | 159,851   | 163,353   | 159,122   | 158,907   | 158,866   | 160,913   | 161,767   | 161,421   | 161,339   | 162,147   |
| New Mexico           | 69,585    | 66,931    | 66,515    | 67,188    | 67,650    | 66,911    | 61,914    | 63,476    | 63,778    | 64,607    |
| New York             | 344,323   | 338,963   | 354,976   | 360,531   | 361,938   | 365,643   | 370,826   | 370,556   | 369,828   | 369,111   |
| North Carolina       | 224,412   | 224,140   | 216,460   | 216,873   | 215,185   | 240,140   | 253,730   | 238,271   | 236,964   | 243,364   |
| North Dakota         | 30,648    | 32,744    | 28,241    | 34,581    | 36,756    | 37,872    | 37,813    | 37,696    | 37,484    | 37,104    |
| Ohio                 | 368,692   | 366,109   | 370,825   | 375,956   | 383,631   | 387,008   | 392,162   | 390,678   | 393,112   | 393,054   |
| Oklahoma             | 116,686   | 117,096   | 117,782   | 120,654   | 123,143   | 123,914   | 122,710   | 120,652   | 118,105   | 118,470   |
| Oregon               | 116,066   | 116,319   | 113,308   | 119,733   | 122,276   | 124,894   | 127,693   | 129,185   | 131,008   | 131,511   |
| Pennsylvania         | 407,848   | 409,981   | 409,267   | 412,729   | 367,850   | 381,762   | 391,911   | 394,783   | 398,586   | 400,460   |
| Rhode Island         | 29,328    | 28,808    | 28,736    | 28,836    | 28,944    | 28,612    | 28,933    | 28,982    | 28,240    | 27,540    |
| South Carolina       | 108,506   | 112,831   | 103,445   | 115,610   | 128,900   | 135,424   | 137,805   | 134,985   | 140,849   | 146,297   |
| South Dakota         | 43,269    | 44,741    | 45,679    | 47,632    | 48,864    | 49,919    | 49,645    | 50,640    | 51,186    | 51,276    |
| Tennessee            | 171,148   | 167,352   | 165,247   | 158,708   | 148,927   | 91,871    | 39,204    | 28,762    | 81,160    | 164,420   |
| Texas                | 473,957   | 452,591   | 435,638   | 446,440   | 452,430   | 402,350   | 386,863   | 378,475   | 377,308   | 393,647   |
| Utah                 | 95,413    | 100,312   | 99,550    | 98,877    | 92,286    | 87,893    | 87,687    | 87,518    | 89,733    | 93,214    |
| Vermont              | 26,888    | 25,605    | 24,995    | 25,007    | 24,889    | 25,002    | 24,763    | 24,284    | 24,127    | 24,067    |
| Virginia             | 193,728   | 189,723   | 191,720   | 191,229   | 200,772   | 205,015   | 205,310   | 201,743   | 197,101   | 196,482   |
| Washington           | 233,532   | 238,451   | 235,484   | 235,299   | 239,094   | 244,907   | 246,854   | 231,271   | 246,676   | 242,050   |
| West Virginia        | 56,489    | 57,360    | 54,617    | 54,116    | 53,532    | 53,590    | 53,261    | 52,840    | 52,231    | 52,935    |
| Wisconsin            | 306,273   | 299,610   | 314,052   | 308,674   | 320,229   | 311,848   | 324,088   | 311,831   | 324,996   | 312,456   |
| Wyoming              | 28,182    | 26,550    | 25,959    | 26,420    | 26,519    | 26,845    | 25,909    | 25,322    | 25,622    | 24,972    |
| Total                | 8,143,036 | 8,131,721 | 8,131,017 | 8,293,143 | 8,383,563 | 8,429,174 | 8,445,585 | 8,361,172 | 8,484,788 | 8,604,730 |

**Table 1c.** On-road motorcycles registered in the United States by state, 2021–2026.

|                      | 2021      | 2022      | 2023      | 2024      | 2025      | 2026      |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Alabama              | 167,626   | 171,819   | 173,833   | 173,271   | 173,855   | 173,402   |
| Alaska               | 23,064    | 22,022    | 22,374    | 22,534    | 22,754    | 23,732    |
| Arizona              | 222,567   | 226,463   | 228,724   | 222,856   | 212,276   | 214,517   |
| Arkansas             | 72,496    | 75,553    | 75,920    | 75,615    | 76,438    | 76,805    |
| California           | 952,668   | 940,601   | 936,074   | 917,028   | 829,945   | 833,710   |
| Colorado             | 201,374   | 201,836   | 203,384   | 199,348   | 195,874   | 193,755   |
| Connecticut          | 88,093    | 88,064    | 86,801    | 89,134    | 87,967    | 85,369    |
| Delaware             | 26,767    | 26,936    | 27,141    | 27,266    | 26,812    | 26,496    |
| District of Columbia | 5,019     | 4,871     | 4,609     | 4,494     | 4,372     | 4,236     |
| Florida              | 644,902   | 656,794   | 668,942   | 676,292   | 682,211   | 678,483   |
| Georgia              | 227,596   | 231,491   | 236,267   | 239,513   | 242,092   | 243,254   |
| Hawaii               | 34,749    | 34,763    | 34,886    | 33,614    | 32,355    | 30,992    |
| Idaho                | 69,086    | 73,894    | 75,028    | 75,127    | 75,964    | 77,283    |
| Illinois             | 284,994   | 287,149   | 280,185   | 262,544   | 264,418   | 259,739   |
| Indiana              | 234,311   | 238,191   | 238,801   | 236,231   | 233,890   | 229,945   |
| Iowa                 | 168,707   | 170,245   | 171,447   | 171,676   | 171,242   | 170,544   |
| Kansas               | 100,760   | 100,944   | 101,521   | 100,661   | 100,556   | 98,667    |
| Kentucky             | 121,745   | 123,509   | 124,926   | 125,109   | 124,720   | 123,783   |
| Louisiana            | 80,536    | 79,816    | 80,428    | 79,990    | 78,782    | 76,889    |
| Maine                | 60,052    | 60,464    | 63,855    | 63,894    | 63,096    | 62,423    |
| Maryland             | 113,747   | 119,310   | 119,169   | 119,039   | 118,588   | 119,549   |
| Massachusetts        | 147,975   | 155,856   | 155,590   | 153,375   | 152,502   | 149,223   |
| Michigan             | 234,852   | 245,184   | 249,951   | 246,556   | 245,791   | 242,173   |
| Minnesota            | 203,650   | 212,561   | 208,537   | 206,735   | 204,828   | 200,690   |
| Mississippi          | 51,514    | 52,514    | 53,359    | 53,116    | 38,207    | 53,590    |
| Missouri             | 126,782   | 126,121   | 126,455   | 122,665   | 121,050   | 118,885   |
| Montana              | 68,539    | 72,710    | 77,199    | 81,614    | 86,073    | 90,933    |
| Nebraska             | 57,421    | 58,566    | 58,920    | 58,261    | 57,718    | 57,422    |
| Nevada               | 82,983    | 83,991    | 86,139    | 85,634    | 85,455    | 84,833    |
| New Hampshire        | 84,453    | 87,889    | 90,257    | 89,893    | 89,515    | 88,656    |
| New Jersey           | 154,272   | 157,616   | 161,393   | 161,333   | 161,172   | 159,473   |
| New Mexico           | 64,632    | 65,679    | 66,550    | 67,044    | 66,785    | 66,709    |
| New York             | 363,857   | 365,660   | 370,155   | 361,010   | 316,754   | 314,686   |
| North Carolina       | 250,097   | 252,089   | 253,830   | 252,587   | 249,213   | 244,800   |
| North Dakota         | 35,399    | 35,783    | 35,588    | 35,675    | 36,386    | 35,843    |
| Ohio                 | 389,877   | 405,751   | 407,973   | 402,975   | 398,501   | 393,560   |
| Oklahoma             | 119,508   | 120,169   | 120,429   | 119,800   | 119,781   | 119,562   |
| Oregon               | 129,343   | 134,040   | 136,614   | 140,673   | 140,689   | 139,485   |
| Pennsylvania         | 385,207   | 404,775   | 403,117   | 396,739   | 389,443   | 382,616   |
| Rhode Island         | 27,452    | 28,187    | 28,411    | 29,162    | 23,374    | 16,802    |
| South Carolina       | 149,031   | 152,617   | 153,719   | 156,179   | 156,538   | 156,649   |
| South Dakota         | 51,069    | 53,109    | 54,594    | 54,439    | 54,691    | 49,776    |
| Tennessee            | 173,832   | 179,277   | 184,925   | 188,056   | 187,014   | 185,173   |
| Texas                | 380,954   | 392,193   | 394,903   | 382,142   | 375,369   | 403,715   |
| Utah                 | 96,717    | 101,117   | 105,090   | 108,945   | 110,879   | 112,209   |
| Vermont              | 22,861    | 23,749    | 23,779    | 23,333    | 22,409    | 21,710    |
| Virginia             | 188,125   | 192,457   | 194,496   | 193,505   | 192,125   | 188,698   |
| Washington           | 242,965   | 244,076   | 236,966   | 227,394   | 219,092   | 213,508   |
| West Virginia        | 49,584    | 51,751    | 54,192    | 55,508    | 54,008    | 53,618    |
| Wisconsin            | 320,528   | 307,076   | 319,862   | 308,298   | 320,969   | 301,216   |
| Wyoming              | 25,191    | 25,367    | 25,776    | 25,549    | 25,981    | 26,081    |
| Total                | 8,579,529 | 8,722,665 | 8,793,084 | 8,703,431 | 8,520,519 | 8,475,867 |

**Table 2.** On-road motorcycles registered in the United States by type of motorcycle, 2002–2026.

|      | Chopper |     | Standard |      | Cruiser   |      | Touring   |      | Sport touring |     | Unclad sport |     | Sport   |     | Supersport |      | Dual purpose |      | Scooter |     | Total     |       |
|------|---------|-----|----------|------|-----------|------|-----------|------|---------------|-----|--------------|-----|---------|-----|------------|------|--------------|------|---------|-----|-----------|-------|
|      | N       | %   | N        | %    | N         | %    | N         | %    | N             | %   | N            | %   | N       | %   | N          | %    | N            | %    | N       | %   | N         | %     |
| 2002 | 914     | 0.0 | 472,934  | 10.9 | 2,060,158 | 47.5 | 626,302   | 14.4 | 36,113        | 0.8 | 33,010       | 0.8 | 308,170 | 7.1 | 376,307    | 8.7  | 207,998      | 4.8  | 217,585 | 5.0 | 4,339,491 | 100.0 |
| 2003 | 1,709   | 0.0 | 461,304  | 9.6  | 2,323,679 | 48.5 | 701,567   | 14.6 | 43,242        | 0.9 | 48,559       | 1.0 | 325,860 | 6.8 | 426,083    | 8.9  | 222,565      | 4.6  | 234,338 | 4.9 | 4,788,906 | 100.0 |
| 2004 | 4,931   | 0.1 | 444,254  | 8.5  | 2,594,271 | 49.4 | 780,756   | 14.9 | 52,755        | 1.0 | 65,798       | 1.3 | 339,464 | 6.5 | 479,291    | 9.1  | 236,924      | 4.5  | 257,223 | 4.9 | 5,255,667 | 100.0 |
| 2005 | 10,824  | 0.2 | 433,437  | 7.5  | 2,882,869 | 49.9 | 868,197   | 15.0 | 62,181        | 1.1 | 85,845       | 1.5 | 354,076 | 6.1 | 543,426    | 9.4  | 254,486      | 4.4  | 284,566 | 4.9 | 5,779,907 | 100.0 |
| 2006 | 17,581  | 0.3 | 420,525  | 6.6  | 3,167,944 | 49.9 | 966,226   | 15.2 | 71,369        | 1.1 | 106,132      | 1.7 | 372,698 | 5.9 | 615,877    | 9.7  | 277,099      | 4.4  | 327,328 | 5.2 | 6,342,779 | 100.0 |
| 2007 | 22,888  | 0.3 | 401,274  | 5.8  | 3,431,192 | 49.7 | 1,075,683 | 15.6 | 80,514        | 1.2 | 124,237      | 1.8 | 396,213 | 5.7 | 689,725    | 10.0 | 304,893      | 4.4  | 378,668 | 5.5 | 6,905,287 | 100.0 |
| 2008 | 26,268  | 0.4 | 388,934  | 5.2  | 3,669,536 | 49.3 | 1,177,924 | 15.8 | 90,559        | 1.2 | 142,437      | 1.9 | 416,662 | 5.6 | 759,297    | 10.2 | 335,037      | 4.5  | 436,915 | 5.9 | 7,443,569 | 100.0 |
| 2009 | 27,923  | 0.3 | 377,733  | 4.7  | 3,880,291 | 48.4 | 1,265,171 | 15.8 | 104,473       | 1.3 | 163,481      | 2.0 | 437,724 | 5.5 | 807,326    | 10.1 | 372,544      | 4.6  | 587,087 | 7.3 | 8,023,753 | 100.0 |
| 2010 | 31,224  | 0.4 | 356,771  | 4.4  | 3,910,392 | 48.0 | 1,327,893 | 16.3 | 113,154       | 1.4 | 173,372      | 2.1 | 435,819 | 5.3 | 798,585    | 9.8  | 384,812      | 4.7  | 618,934 | 7.6 | 8,150,956 | 100.0 |
| 2011 | 32,966  | 0.4 | 335,243  | 4.1  | 3,877,276 | 47.6 | 1,377,289 | 16.9 | 121,811       | 1.5 | 176,984      | 2.2 | 425,828 | 5.2 | 775,228    | 9.5  | 389,156      | 4.8  | 631,255 | 7.8 | 8,143,036 | 100.0 |
| 2012 | 33,972  | 0.4 | 315,679  | 3.9  | 3,814,774 | 46.9 | 1,430,785 | 17.6 | 131,106       | 1.6 | 181,085      | 2.2 | 420,622 | 5.2 | 743,697    | 9.1  | 398,839      | 4.9  | 661,162 | 8.1 | 8,131,721 | 100.0 |
| 2013 | 34,289  | 0.4 | 301,422  | 3.7  | 3,754,887 | 46.2 | 1,487,578 | 18.3 | 139,917       | 1.7 | 182,839      | 2.2 | 417,838 | 5.1 | 712,549    | 8.8  | 412,609      | 5.1  | 687,089 | 8.5 | 8,131,017 | 100.0 |
| 2014 | 34,791  | 0.4 | 298,610  | 3.6  | 3,760,164 | 45.3 | 1,580,893 | 19.1 | 151,216       | 1.8 | 189,333      | 2.3 | 423,102 | 5.1 | 701,964    | 8.5  | 441,773      | 5.3  | 711,297 | 8.6 | 8,293,143 | 100.0 |
| 2015 | 34,987  | 0.4 | 292,783  | 3.5  | 3,729,003 | 44.5 | 1,659,828 | 19.8 | 162,416       | 1.9 | 203,415      | 2.4 | 423,789 | 5.1 | 687,977    | 8.2  | 464,440      | 5.5  | 724,925 | 8.6 | 8,383,563 | 100.0 |
| 2016 | 34,826  | 0.4 | 293,347  | 3.5  | 3,661,453 | 43.4 | 1,720,676 | 20.4 | 170,617       | 2.0 | 217,508      | 2.6 | 425,933 | 5.1 | 674,473    | 8.0  | 487,516      | 5.8  | 742,825 | 8.8 | 8,429,174 | 100.0 |
| 2017 | 34,735  | 0.4 | 296,881  | 3.5  | 3,602,972 | 42.7 | 1,772,123 | 21.0 | 176,099       | 2.1 | 232,587      | 2.8 | 425,283 | 5.0 | 652,510    | 7.7  | 509,678      | 6.0  | 742,717 | 8.8 | 8,445,585 | 100.0 |
| 2018 | 34,348  | 0.4 | 300,454  | 3.6  | 3,508,249 | 42.0 | 1,808,768 | 21.6 | 178,530       | 2.1 | 243,556      | 2.9 | 410,273 | 4.9 | 603,909    | 7.2  | 527,312      | 6.3  | 745,773 | 8.9 | 8,361,172 | 100.0 |
| 2019 | 34,306  | 0.4 | 321,333  | 3.8  | 3,499,789 | 41.2 | 1,882,679 | 22.2 | 182,423       | 2.2 | 259,781      | 3.1 | 413,588 | 4.9 | 585,172    | 6.9  | 560,416      | 6.6  | 745,301 | 8.8 | 8,484,788 | 100.0 |
| 2020 | 34,568  | 0.4 | 337,755  | 3.9  | 3,494,022 | 40.6 | 1,961,740 | 22.8 | 187,295       | 2.2 | 279,387      | 3.2 | 423,529 | 4.9 | 569,120    | 6.6  | 594,243      | 6.9  | 723,071 | 8.4 | 8,604,730 | 100.0 |
| 2021 | 33,473  | 0.4 | 356,141  | 4.2  | 3,419,091 | 39.9 | 1,982,336 | 23.1 | 189,527       | 2.2 | 294,200      | 3.4 | 427,101 | 5.0 | 540,434    | 6.3  | 627,587      | 7.3  | 709,639 | 8.3 | 8,579,529 | 100.0 |
| 2022 | 33,471  | 0.4 | 381,299  | 4.4  | 3,413,933 | 39.1 | 2,039,542 | 23.4 | 193,922       | 2.2 | 316,982      | 3.6 | 437,303 | 5.0 | 521,305    | 6.0  | 680,132      | 7.8  | 704,776 | 8.1 | 8,722,665 | 100.0 |
| 2023 | 32,873  | 0.4 | 414,314  | 4.7  | 3,358,034 | 38.2 | 2,067,822 | 23.5 | 195,210       | 2.2 | 337,327      | 3.8 | 445,528 | 5.1 | 504,692    | 5.7  | 735,726      | 8.4  | 701,558 | 8.0 | 8,793,084 | 100.0 |
| 2024 | 31,527  | 0.4 | 436,973  | 5.0  | 3,231,799 | 37.1 | 2,059,123 | 23.7 | 194,201       | 2.2 | 350,889      | 4.0 | 448,360 | 5.2 | 485,551    | 5.6  | 782,534      | 9.0  | 682,474 | 7.8 | 8,703,431 | 100.0 |
| 2025 | 30,022  | 0.4 | 443,401  | 5.2  | 3,092,361 | 36.3 | 2,043,889 | 24.0 | 189,351       | 2.2 | 359,125      | 4.2 | 450,173 | 5.3 | 467,326    | 5.5  | 809,176      | 9.5  | 635,695 | 7.5 | 8,520,519 | 100.0 |
| 2026 | 29,094  | 0.3 | 451,818  | 5.3  | 3,004,308 | 35.4 | 2,044,219 | 24.1 | 189,284       | 2.2 | 371,830      | 4.4 | 468,798 | 5.5 | 477,190    | 5.6  | 847,259      | 10.0 | 592,067 | 7.0 | 8,475,867 | 100.0 |

**Table 3.** On-road motorcycles registered in the United States by availability of antilock braking systems (ABS), 2002–2026.

|      | Standard  |      | Optional  |      | Not available |      | Total*    |       |
|------|-----------|------|-----------|------|---------------|------|-----------|-------|
|      | N         | %    | N         | %    | N             | %    | N         | %     |
| 2002 | 7,718     | 0.2  | 59,814    | 1.6  | 3,671,037     | 98.2 | 4,339,491 | 100.0 |
| 2003 | 10,768    | 0.3  | 89,580    | 2.1  | 4,095,715     | 97.6 | 4,788,906 | 100.0 |
| 2004 | 14,362    | 0.3  | 123,953   | 2.6  | 4,541,360     | 97.0 | 5,255,667 | 100.0 |
| 2005 | 17,583    | 0.3  | 155,627   | 3.0  | 5,049,293     | 96.7 | 5,779,907 | 100.0 |
| 2006 | 21,394    | 0.4  | 186,789   | 3.2  | 5,598,144     | 96.4 | 6,342,779 | 100.0 |
| 2007 | 27,381    | 0.4  | 216,586   | 3.4  | 6,148,673     | 96.2 | 6,905,287 | 100.0 |
| 2008 | 33,820    | 0.5  | 276,590   | 4.0  | 6,644,291     | 95.5 | 7,443,569 | 100.0 |
| 2009 | 44,795    | 0.6  | 403,788   | 5.3  | 7,109,962     | 94.1 | 8,023,753 | 100.0 |
| 2010 | 56,593    | 0.7  | 501,582   | 6.5  | 7,155,779     | 92.8 | 8,150,956 | 100.0 |
| 2011 | 79,874    | 1.0  | 580,575   | 7.5  | 7,075,589     | 91.5 | 8,143,036 | 100.0 |
| 2012 | 126,541   | 1.6  | 670,513   | 8.7  | 6,950,359     | 89.7 | 8,131,721 | 100.0 |
| 2013 | 184,198   | 2.4  | 778,994   | 10.0 | 6,793,648     | 87.6 | 8,131,017 | 100.0 |
| 2014 | 264,832   | 3.3  | 913,690   | 11.5 | 6,744,899     | 85.1 | 8,293,143 | 100.0 |
| 2015 | 412,932   | 5.1  | 994,660   | 12.4 | 6,625,676     | 82.5 | 8,383,563 | 100.0 |
| 2016 | 571,609   | 7.1  | 1,058,597 | 13.1 | 6,463,114     | 79.9 | 8,429,174 | 100.0 |
| 2017 | 729,630   | 9.0  | 1,115,833 | 13.7 | 6,291,118     | 77.3 | 8,445,585 | 100.0 |
| 2018 | 875,128   | 10.8 | 1,172,899 | 14.5 | 6,036,888     | 74.7 | 8,361,172 | 100.0 |
| 2019 | 1,021,326 | 12.4 | 1,265,522 | 15.4 | 5,933,977     | 72.2 | 8,484,788 | 100.0 |
| 2020 | 1,188,792 | 14.2 | 1,356,191 | 16.2 | 5,814,461     | 69.6 | 8,604,730 | 100.0 |
| 2021 | 1,346,211 | 16.1 | 1,398,479 | 16.8 | 5,597,348     | 67.1 | 8,579,529 | 100.0 |
| 2022 | 1,560,191 | 18.4 | 1,463,158 | 17.2 | 5,465,811     | 64.4 | 8,722,665 | 100.0 |
| 2023 | 1,751,736 | 20.4 | 1,507,450 | 17.6 | 5,306,880     | 62.0 | 8,793,084 | 100.0 |
| 2024 | 1,924,296 | 22.7 | 1,520,570 | 17.9 | 5,046,286     | 59.4 | 8,703,431 | 100.0 |
| 2025 | 2,076,764 | 25.0 | 1,499,591 | 18.0 | 4,744,789     | 57.0 | 8,520,519 | 100.0 |
| 2026 | 2,246,768 | 27.1 | 1,505,877 | 18.2 | 4,535,740     | 54.7 | 8,475,867 | 100.0 |

\* Total includes motorcycles with unknown ABS availability.

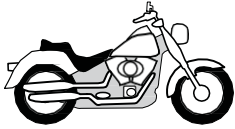
**Table 4.** On-road motorcycles registered in the United States by vehicle age, 2002–2026.

|      | <1 year |     | 1–3 years |      | 4–6 years |      | 7–9 years |      | 10+ years |      | Total*    |       | Average | Median |
|------|---------|-----|-----------|------|-----------|------|-----------|------|-----------|------|-----------|-------|---------|--------|
|      | N       | %   | N         | %    | N         | %    | N         | %    | N         | %    | N         | %     |         |        |
| 2002 | 101,849 | 2.3 | 1,210,311 | 27.9 | 713,780   | 16.4 | 514,037   | 11.8 | 1,768,489 | 40.8 | 4,339,491 | 100.0 | 9.0     | 7      |
| 2003 | 105,207 | 2.2 | 1,418,114 | 29.6 | 823,651   | 17.2 | 569,958   | 11.9 | 1,842,075 | 38.5 | 4,788,906 | 100.0 | 8.8     | 7      |
| 2004 | 64,959  | 1.2 | 1,648,075 | 31.4 | 992,680   | 18.9 | 617,816   | 11.8 | 1,903,676 | 36.2 | 5,255,667 | 100.0 | 8.7     | 6      |
| 2005 | 109,983 | 1.9 | 1,750,126 | 30.3 | 1,216,930 | 21.1 | 678,110   | 11.7 | 1,997,552 | 34.6 | 5,779,907 | 100.0 | 8.6     | 6      |
| 2006 | 109,937 | 1.7 | 1,887,829 | 29.8 | 1,433,004 | 22.6 | 781,411   | 12.3 | 2,104,887 | 33.2 | 6,342,779 | 100.0 | 8.5     | 6      |
| 2007 | 101,534 | 1.5 | 1,959,168 | 28.4 | 1,697,984 | 24.6 | 938,083   | 13.6 | 2,184,440 | 31.6 | 6,905,287 | 100.0 | 8.4     | 6      |
| 2008 | 72,535  | 1.0 | 2,147,369 | 28.8 | 1,748,934 | 23.5 | 1,141,761 | 15.3 | 2,310,421 | 31.0 | 7,443,569 | 100.0 | 8.5     | 6      |
| 2009 | 78,115  | 1.0 | 2,209,300 | 27.5 | 1,881,404 | 23.4 | 1,340,845 | 16.7 | 2,493,095 | 31.1 | 8,023,753 | 100.0 | 8.5     | 6      |
| 2010 | 33,198  | 0.4 | 1,849,471 | 22.7 | 1,980,444 | 24.3 | 1,578,964 | 19.4 | 2,689,703 | 33.0 | 8,150,956 | 100.0 | 8.9     | 7      |
| 2011 | 32,197  | 0.4 | 1,357,220 | 16.7 | 2,192,561 | 26.9 | 1,609,896 | 19.8 | 2,933,793 | 36.0 | 8,143,036 | 100.0 | 9.5     | 7      |
| 2012 | 52,916  | 0.7 | 1,019,064 | 12.5 | 2,125,350 | 26.1 | 1,694,239 | 20.8 | 3,224,258 | 39.7 | 8,131,721 | 100.0 | 9.9     | 8      |
| 2013 | 35,833  | 0.4 | 830,456   | 10.2 | 1,900,674 | 23.4 | 1,744,678 | 21.5 | 3,604,585 | 44.3 | 8,131,017 | 100.0 | 10.4    | 9      |
| 2014 | 46,944  | 0.6 | 978,264   | 11.8 | 1,370,097 | 16.5 | 1,970,409 | 23.8 | 3,918,811 | 47.3 | 8,293,143 | 100.0 | 10.8    | 9      |
| 2015 | 37,440  | 0.4 | 1,093,313 | 13.0 | 1,012,463 | 12.1 | 1,926,344 | 23.0 | 4,306,733 | 51.4 | 8,383,563 | 100.0 | 11.1    | 10     |
| 2016 | 31,350  | 0.4 | 1,106,881 | 13.1 | 849,001   | 10.1 | 1,716,769 | 20.4 | 4,719,094 | 56.0 | 8,429,174 | 100.0 | 11.5    | 10     |
| 2017 | 30,860  | 0.4 | 1,082,193 | 12.8 | 993,531   | 11.8 | 1,219,864 | 14.4 | 5,113,424 | 60.5 | 8,445,585 | 100.0 | 11.9    | 11     |
| 2018 | 27,282  | 0.3 | 1,031,266 | 12.3 | 1,103,765 | 13.2 | 898,949   | 10.8 | 5,246,004 | 62.7 | 8,361,172 | 100.0 | 12.3    | 12     |
| 2019 | 27,242  | 0.3 | 971,342   | 11.4 | 1,126,008 | 13.3 | 769,107   | 9.1  | 5,471,508 | 64.5 | 8,484,788 | 100.0 | 12.8    | 12     |
| 2020 | 27,872  | 0.3 | 936,374   | 10.9 | 1,117,454 | 13.0 | 909,537   | 10.6 | 5,451,144 | 63.4 | 8,604,730 | 100.0 | 13.2    | 13     |
| 2021 | 18,939  | 0.2 | 930,614   | 10.8 | 1,057,150 | 12.3 | 1,010,045 | 11.8 | 5,365,313 | 62.5 | 8,579,529 | 100.0 | 13.6    | 13     |
| 2022 | 44,376  | 0.5 | 968,763   | 11.1 | 992,103   | 11.4 | 1,035,286 | 11.9 | 5,442,872 | 62.4 | 8,722,665 | 100.0 | 14.0    | 14     |
| 2023 | 27,178  | 0.3 | 1,056,732 | 12.0 | 928,179   | 10.6 | 1,015,361 | 11.5 | 5,483,951 | 62.4 | 8,793,084 | 100.0 | 14.3    | 14     |
| 2024 | 21,846  | 0.3 | 1,116,159 | 12.8 | 880,757   | 10.1 | 944,874   | 10.9 | 5,442,646 | 62.5 | 8,703,431 | 100.0 | 14.6    | 15     |
| 2025 | 18,706  | 0.2 | 1,129,137 | 13.3 | 865,022   | 10.2 | 846,084   | 9.9  | 5,352,542 | 62.8 | 8,520,519 | 100.0 | 15.0    | 15     |
| 2026 | 10,874  | 0.1 | 1,033,207 | 12.2 | 960,531   | 11.3 | 792,162   | 9.3  | 5,361,770 | 63.3 | 8,475,867 | 100.0 | 15.3    | 15     |

\* Total includes motorcycles with unknown model year.

## HLDI motorcycle classification

### Cruiser



Cruiser motorcycles mimic the style of earlier American motorcycles from the 1930s to the early 1960s, such as those made by Harley-Davidson and Indian. Although cruisers have benefited from advances in technology and metallurgy, the basic design is still very similar to early motorcycles. The riding position places the feet forward of the seat and the hands near shoulder height, and the upper body is erect or leaning back slightly. This position allows long-distance comfort and compromises some degree of control. Cruisers have limited cornering ability because of a low-slung design. Cruiser engines produce more torque and less peak horsepower compared with motorcycles from the sport classes. Cruisers are among the heaviest of motorcycles and can be used with a sidecar.

### Standard



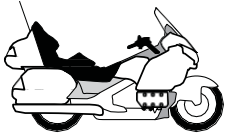
Standard motorcycle designs are basic, with many remaining in production for 10 years or more without redesign. However, in recent model years, standard motorcycles have begun utilizing technological advances in chassis and engine design, such as antilock braking systems and fuel-injected engines. Riding position typically is upright and similar to that of a cruiser, but with foot pegs placed farther rearward. The riding position, coupled with better ground clearance than a cruiser, gives standard motorcycles better handling characteristics. Engine displacements are smaller than those for cruisers.

### Chopper



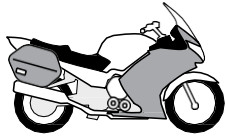
Chopper-style motorcycles are closely related to cruisers. They have a longer wheelbase that results from an extended front fork configuration. The lengthened wheelbase reduces maneuverability. Choppers generally are highly customized and, as a result, more costly. As the term “chopper” implies, the motorcycle is derived by chopping off or removing parts from a typical cruiser with the intent of reducing weight or bulk for the sake of speed. Its reduced maneuverability is exaggerated further by a wide rear tire that assists in acceleration.

## Touring



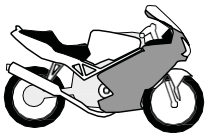
Touring motorcycles are equipped with high-displacement/high-torque engines for carrying a passenger and luggage. The Honda Goldwing, which is one of the best-selling motorcycles in this class, has an 1,833-cc engine. Touring motorcycles are among the longest and heaviest motorcycles, and they can weigh in excess of 800 pounds. Touring motorcycles offer wind protection for the rider, high-capacity fuel tanks, the ability to carry luggage, and an upright riding position that is comfortable for long distances. Although any motorcycle can be equipped and used for touring, touring motorcycles are designed for this purpose. They incorporate technological advances such as antilock brakes and airbags and are more likely to include features such as reverse gear, cruise control, heated hand grips, driver-to-passenger communication systems, navigation, and audio systems.

## Sport touring



Sport-touring motorcycles are similar in design to sport motorcycles but have some features typically found on touring motorcycles. Sport-touring motorcycles typically are derived from sport class frames and share components such as engines and drivetrains. Sport tourers normally are equipped with touring features such as saddlebags, high windshields, larger fairings, heated grips, and larger seats—features not found on other sport-class motorcycles. Among the other sport-class motorcycles, sport tourers tend to have the largest engines, and riding positions that are more upright. These characteristics, as well as larger seats, allow sport tourers to more easily accommodate a passenger.

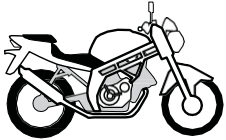
## Sport



Sport motorcycles are light and powerful. Their power-to-weight ratios are second only to the supersport class. They benefit from advances in design and technology intended for racing; however, they are not considered racing-specification machines. The riding position places the feet under the seat and the hands below shoulder height. The rider's knees are bent, and the upper body has a forward lean. This riding position improves control when cornering and accelerating. All sport motorcycles have extensive body paneling and fairing covers to provide wind protection and assist in aerodynamics. Sport motorcycles can be equipped with side bags or a rear trunk to provide limited touring ability, but they do not have the features and amenities typically found in the touring or sport-touring classes. Sport motorcycles have a wide range of engine

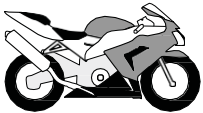
displacements. The riding position and lower power-to-weight ratios make sport class motorcycles more suitable for everyday street use than supersport motorcycles. Sport motorcycles are capable of high speeds, but they do not offer the acceleration, stability, and handling of racing-specification machines.

### Unclad sport



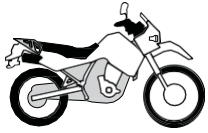
Unclad sport motorcycles occupy a relatively new market niche; however, they are retro in styling. Sometimes referred to as “naked” or “hooligan” motorcycles, unclad sport motorcycles are derivatives of sport/supersport motorcycles. They do not have full body panels or fairing coverings typically found on sport/supersport motorcycles. Compared with sport and supersport motorcycles, unclad sport motorcycles generally have lower horsepower. The riding position places the feet under the seat and the hands below shoulder height. The rider’s knees are bent and the upper body has a slight forward lean, giving unclad sport motorcycles a riding position that is more comfortable than the sport class. The reduced horsepower and riding position make them more user friendly and suitable for everyday riding. Some motorcycles in this class serve as beginner motorcycles, whereas others (e.g., BMW and Ducati) are as powerful and agile as some sport and supersport motorcycles and are targeted at premium customers.

### Supersport



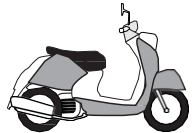
Supersport motorcycles are consumer versions of the motorcycles used by factory racing teams and use racing specifications as benchmarks in design. Their range of engine displacements is limited to meet racing requirements of the class. The power-to-weight ratios of supersport motorcycles are higher than any other mass-produced motor vehicle. As racing specification machines, measures are taken to reduce weight and increase power, thus making these motorcycles quick in acceleration, nimble in handling, and capable of high speeds. The riding position is intended for racing, placing the feet under the seat and the hands below shoulder height. The rider’s knees are bent, and the upper body has a forward lean. There also is less space between the seat and feet than for sport motorcycles to provide better rider/racer control. Supersport motorcycles have extensive body paneling and fairing coverings, but generally only offer good wind protection when the rider is in a crouched riding position.

### Dual purpose



Dual-purpose motorcycles have similarities with off-road motorcycles. However, they are equipped with road-ready features such as headlights, turn signals, brake lights, and a horn. They also use four-stroke engines for compliance with emissions requirements. They generally have larger displacement engines than off-road motorcycles, along with a more comfortable riding position.

### Scooter



Scooters are characterized by smaller wheels, automatic transmissions, lower displacement engines, and a step-through configuration that allows riders to place both feet on a running board with knees together. However, larger scooters with engine displacements greater than 250 cc are becoming more popular. The BMW C650GT and the Suzuki Burgman are examples of the increasing displacements of highway-capable scooters.