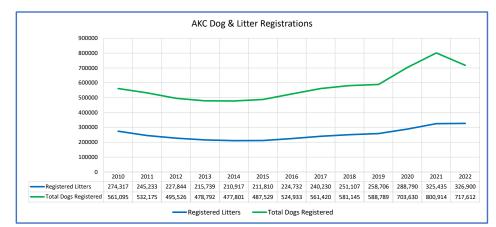
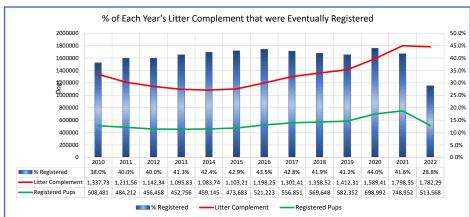
| All Breeds (AKC only)                              | 2022 (as of 3/2023) |           |           |           |           |           |           |           |           |           |           |           |           |   |
|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|
|  |                     |           |           |           |           |           |           |           |           |           |           |           |           |   |
| Litter #'s & Litter Related Stats                  | 2010                | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | Notes   |
| Registered Litters                                 | 274,317             | 245,233   | 227,844   | 215,739   | 210,917   | 211,810   | 224,732   | 240,230   | 251,107   | 258,706   | 288,790   | 325,435   | 326,900   | # AKC litters registered each year                                |
| Litter Complement                                  | 1,337,737           | 1,211,564 | 1,142,346 | 1,095,836 | 1,083,746 | 1,103,216 | 1,198,253 | 1,301,411 | 1,358,526 | 1,412,319 | 1,589,419 | 1,798,554 | 1,782,292 | # Pups in each year's litters (known as the "Complement")         |
| Average Complement                                 | 4.88                | 4.94      | 5.01      | 5.08      | 5.14      | 5.21      | 5.33      | 5.42      | 5.41      | 5.46      | 5.50      | 5.53      | 5.45      | Average # of pups per litter                                      |
| Individually Registered Pups (to date)             | 508,481             | 484,212   | 456,458   | 452,756   | 459,145   | 473,683   | 521,223   | 556,851   | 569,648   | 582,352   | 698,992   | 748,952   | 513,568   | # Pups from each year's litters individually registered (to date) |
| Actual Return Rate (to date)                       | 38.0%               | 40.0%     | 40.0%     | 41.3%     | 42.4%     | 42.9%     | 43.5%     | 42.8%     | 41.9%     | 41.2%     | 44.0%     | 41.6%     | 28.8%     | % Pups from each year's litters individually registered (to date) |
| Limited Registrations (to date)                    | 80,511              | 108,933   | 104,529   | 123,527   | 132,544   | 142,132   | 160,952   | 178,514   | 193,661   | 210,048   | 268,515   | 272,956   | 209,399   | # Limited Registrations from each year's litters (to date)        |
| % Complement Registered Limited (to date)          | 6.0%                | 9.0%      | 9.2%      | 11.3%     | 12.2%     | 12.9%     | 13.4%     | 13.7%     | 14.3%     | 14.9%     | 16.9%     | 15.2%     | 11.7%     | % Pups from each year's litters Registered as Limited (to date)   |
| Revoked Limited (to date)                          | 1,325               | 1,470     | 1,497     | 1,670     | 1,844     | 2,260     | 2,429     | 2,518     | 2,679     | 2,646     | 2,732     | 1,830     | 541       | # Revoked Limited Dogs from each year's litters (to date)         |
| Litters from Revoked Limited (to date)             | 2,128               | 2,192     | 2,296     | 2,663     | 2,638     | 3,475     | 3,796     | 3,461     | 3,161     | 2,552     | 1,642     | 528       | 25        | Litters involving each year's Revoked Limited (to date)           |
| Complement Bitches Bred                            | 75,640              | 71,143    | 71,743    | 72,898    | 75,891    | 80,305    | 88,925    | 94,384    | 93,833    | 88,674    | 84,890    | 58,485    | 4,562     | Bitches from each year's litters that have been bred (to date)    |
| Complement Dogs Bred                               | 42,564              | 39,643    | 38,791    | 38,427    | 39,091    | 40,178    | 44,130    | 45,860    | 45,022    | 43,234    | 39,867    | 34,150    | 4,227     | Males from each year's litters that have been bred (to date)      |
| Total Complement Bred (to date)                    | 118,204             | 110,786   | 110,534   | 111,325   | 114,982   | 120,483   | 133,055   | 140,244   | 138,855   | 131,908   | 124,757   | 92,635    | 8,789     | Total from each year's litters that have been bred (to date)      |
| % Complement Bred (to date)                        | 8.8%                | 9.1%      | 9.7%      | 10.2%     | 10.6%     | 10.9%     | 11.1%     | 10.8%     | 10.2%     | 9.3%      | 7.8%      | 5.2%      | 0.5%      | % of each year's litters that have been bred (to date)            |
| Complement Bitches in Conformation                 | 24,725              | 23,975    | 23,209    | 22,354    | 21,672    | 21,173    | 21,012    | 21,107    | 20,635    | 18,417    | 16,891    | 19,273    |           | # Bitches from each year's litters in Conformation (to date)      |
| Complement Dogs in Conformation                    | 19,573              | 19,030    | 18,371    | 17,124    | 16,731    | 15,877    | 15,983    | 15,637    | 15,230    | 13,797    | 11,728    | 13,341    | 8,525     | # Males from each year's litters in Conformation (to date)        |
| Total Complement in Conformation (to date)         | 44,298              | 43,005    | 41,580    | 39,478    | 38,403    | 37,050    | 36,995    | 36,744    | 35,865    | 32,214    | 28,619    | 32,614    | 19,941    | Total from each year's litters in Conformation (to date)          |
| % Complement in Conformation (to date)             | 3.3%                | 3.5%      | 3.6%      | 3.6%      | 3.5%      | 3.4%      | 3.1%      | 2.8%      | 2.6%      | 2.3%      | 1.8%      | 1.8%      | 1.1%      | % of each year's litters in Conformation (to date)                |
| Total Complement in Companion (to date)            | 10,751              | 10,047    | 9,762     | 9,538     | 9,695     | 9,298     | 9,407     | 9,305     | 8,468     | 7,746     | 6,221     | 4,823     | 1,557     | Total from each year's litters in Companion (to date)             |
| % Complement in Companion (to date)                | 0.8%                | 0.8%      | 0.9%      | 0.9%      | 0.9%      | 0.8%      | 0.8%      | 0.7%      | 0.6%      | 0.5%      | 0.4%      | 0.3%      | 0.1%      | % of each year's litters in Companion (to date)                   |
| Total Complement Placing in Performance (to date)  | 11,229              | 11,770    | 11,968    | 12,092    | 12,958    | 13,179    | 14,371    | 15,260    | 14,900    | 13,971    | 13,493    | 11,708    | 3,040     | Total from each year's litters placing in Performance (to date)   |
| % Complement Placing in Performance (to date)      | 0.8%                | 1.0%      | 1.0%      | 1.1%      | 1.2%      | 1.2%      | 1.2%      | 1.2%      | 1.1%      | 1.0%      | 0.8%      | 0.7%      | 0.2%      | % of each year's litters placing in Performance (to date)         |
| Total Complement with a Family Dog title (to date) | 5,408               | 7,121     | 10,117    | 12,673    | 14,556    | 16,230    | 18,431    | 20,779    | 21,303    | 20,055    | 18,608    | 17,771    | 10,320    | Total from each year's litters w/ a Family Dog title (to date)    |
| % Complement with a Family Dog title (to date)     | 0.4%                | 0.6%      | 0.9%      | 1.2%      | 1.3%      | 1.5%      | 1.5%      | 1.6%      | 1.6%      | 1.4%      | 1.2%      | 1.0%      | 0.6%      | % of each year's litters w/ a Family Dog Title (to date)          |
| Total Complement with a TRP title (to date)        | 618                 | 747       | 898       | 945       | 1,084     | 1,189     | 1,368     | 1,376     | 1,265     | 1,132     | 896       | 551       | 100       | Total from each year's litters w/ a TRP title (to date)           |
| % Complement with a TRP title (to date)            | 9.1%                | 8.7%      | 10.4%     | 10.8%     | 13.3%     | 16.3%     | 19.6%     | 25.0%     | 31.7%     | 36.0%     | 21.3%     | 16.7%     | 3.9%      | % of each year's litters w/ a TRP title (to date)                 |
| Total Complement in Sports/Events (to date)        | 57,764              | 55,709    | 54,336    | 52,041    | 51,572    | 49,917    | 50,598    | 51,196    | 49,491    | 45,288    | 40,636    | 43,281    | 23,607    | Total from each year's litters Participating (to date)            |
| % Complement in Sports/Events (to date)            | 4.3%                | 4.6%      | 4.8%      | 4.7%      | 4.8%      | 4.5%      | 4.2%      | 3.9%      | 3.6%      | 3.2%      | 2.6%      | 2.4%      | 1.3%      | % of each year's litters Participating (to date)                  |

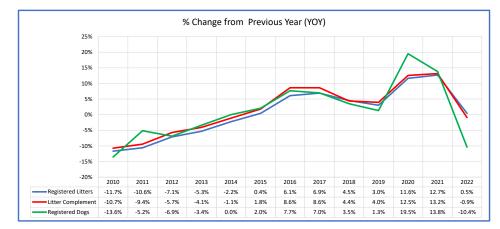
| All Breeds (AKC only)                               | 2022 (as of 3/2023) |                |                  |                  |                  |                  |         |         |               |               |                |         |         |  |
|---|---------------------|----------------|------------------|------------------|------------------|------------------|---------|---------|---------------|---------------|----------------|---------|---------|--|
|   |                     |                |                  |                  |                  |                  |         |         |               |               |                |         |         |  |
| Dog #'s & Dog Related Stats                         | 2010                | 2011           | 2012             | 2013             | 2014             | 2015             | 2016    | 2017    | 2018          | 2019          | 2020           | 2021    | 2022    | Notes  |
| AKC Dog Registrations                               | 546,474             | 517,471        | 480,675          | 465,618          | 463,524          | 473,118          | 510,542 | 545,962 | 564,218       | 571,217       | 688,481        | 781,489 | 697,923 | # Registered from AKC Litters during each year       |
| FSS Registrations                                   | 4,281               | 4,801          | 4,204            | 2,871            | 3,382            | 2,050            | 955     | 996     | 1,023         | 1,305         | 1,019          | 664     | 2,468   | # of FSS Dog Registrations each year                 |
| Conditional Registrations                           | 2,196               | 2,069          | 1,987            | 1,947            | 2,261            | 2,281            | 2,556   | 2,869   | 2,800         | 2,600         | 2,883          | 2,984   | 2,042   | # of Conditional Registrations each year             |
| Open Registrations                                  | 1,375               | 1,333          | 1,650            | 1,623            | 1,553            | 2,305            | 1,826   | 1,599   | 1,620         | 1,552         | 1,349          | 1,666   | 1,660   | # of Open Registrations each year                    |
| oreign Registrations                                | 6,769               | 6,501          | 7,010            | 6,733            | 7,081            | 7,775            | 9,054   | 9,994   | 11,484        | 12,115        | 9,898          | 14,111  | 13,519  | # of Foreign-born Registrations each year            |
| otal Dogs Registered                                | 561,095             | 532,175        | 495,526          | 478,792          | 477,801          | 487,529          | 524,933 | 561,420 | 581,145       | 588,789       | 703,630        | 800,914 | 717,612 | Total Dog Registrations each year                    |
| Inique Bitches Bred (each year)                     | 246,713             | 219,918        | 202,641          | 191,032          | 185,446          | 185,660          | 195,221 | 206,520 | 215,421       | 221,951       | 242,486        | 274,580 | 244,351 | Unique # bitches bred each year                      |
| Inique Dogs Bred (each year)                        | 162,252             | 144,255        | 130,700          | 122,413          | 117,612          | 115,854          | 118,994 | 123,847 | 128,498       | 132,137       | 141,342        | 154,815 | 140,614 | Unique # males bred each year                        |
| otal Bred (each year)                               | 408,965             | 364,173        | 333,341          | 313,445          | 303,058          | 301,514          | 314,215 | 330,367 | 343,919       | 354,088       | 383,828        | 429,395 | 384,965 | Unique # bred each year                              |
| emale:Male  | 1.52                | 1.52           | 1.55             | 1.56             | 1.58             | 1.60             | 1.64    | 1.67    | 1.68          | 1.68          | 1.72           | 1.77    | 1.74    | # of Females Per Male Bred                           |
| Inique Bitches in Conformation (each year)          | 71,566              | 70,195         | 68,377           | 66,200           | 64,067           | 62,362           | 60,911  | 59,827  | 59,411        | 58,468        | 40,521         | 52,283  |         | Unique # of bitches in Conformation each year        |
| Unique Dogs in Conformation (each year)             | 59,197              | 58,268         | 57,045           | 54,560           | 52,518           | 50,720           | 48,964  | 47,721  | 46,954        | 46,243        | 32,520         | 40,274  | 35,899  | Unique # of males in Conformation each year          |
| otal Uniques in Conformation (each year)            | 130,763             | 128,463        | 125,422          | 120,760          | 116,585          | 113,082          | 109,875 | 107,548 | 106,365       | 104,711       | 73,041         | 92,557  | 83,561  | Unique # in Conformation each year                   |
| Change Conformation                                 | -4.1%               | -1.8%          | -2.4%            | -3.7%            | -3.5%            | -3.0%            | -2.8%   | -2.1%   | -1.1%         | -1.6%         | -30.2%         | 26.7%   | -9.7%   | YOY % Change Conformation total dogs                 |
| Inique Bitches in Companion (each year)             | 23,869              | 24,930         | 25,478           | 25,226           | 24,911           | 24,473           | 24,238  | 23,596  | 23,439        | 23,359        | 18,460         | 20,963  | 21,041  | Unique # of bitches in Companion each year           |
| Jnique Dogs in Companion (each year)                | 22,133              | 22,851         | 23,426           | 23,264           | 23,161           | 22,582           | 22,324  | 21,581  | 21,228        | 21,295        | 16,922         | 19,110  | 18,608  | Unique # of males in Companion each year             |
| otal Uniques in Companion (each year)               | 46,002              | 47,781         | 48,904           | 48,490           | 48,072           | 47,055           | 46,562  | 45,177  | 44,667        | 44,654        | 35,382         | 40.073  | 39,649  | Unique # in Companion each year                      |
| Change Companion                                    | 3.1%                | 3.9%           | 2.4%             | -0.8%            | -0.9%            | -2.1%            | -1.0%   | -3.0%   | -1.1%         | 0.0%          | -20.8%         | 13.3%   |         | YOY % Change Companion total dogs                    |
| Jnique Bitches Placing in Performance (each year)   | 12.946              | 12,902         | 12,900           | 13.568           | 14.107           | 13,767           | 14.893  | 16,894  | 20.001        | 22,415        | 18.151         | 26.044  | 30.056  | Unique # of bitches placing in Performance each year |
| Jnique Dogs Placing in Performance (each year)      | 13.149              | 12,889         | 12,708           | 13,202           | 13,686           | 13,461           | 14,147  | 15,893  | 18,831        | 20,518        | 16,611         | 23,835  | ,       | Unique # of males placing in Performance each year   |
| otal Uniques Placing in Performance (each year)     | 26,095              | 25,791         | 25,608           | 26,770           | 27,793           | 27,228           | 29,040  | 32,787  | 38,832        | 42,933        | 34,762         | 49,879  | ,       | Unique # placing in Performance each year            |
| 6 Change Performance                                | -4.8%               | -1.2%          | -0.7%            | 4.5%             | 3.8%             | -2.0%            | 6.7%    | 12.9%   | 18.4%         | 10.6%         | -19.0%         | 43.5%   |         | YOY % Change Performance total dogs placing          |
| otal Uniques Earning a Family Dog Title (each year) | 12                  | 1              | 11               | 332              | 1,355            | 1,438            | 1,461   | 10,676  | 17,434        | 13,901        | 18,665         | 15,515  | 16 601  | Unique # earning a Family Dog title each year        |
| Change Family Dog                                   | 1100%               | -92%           | 1000%            | 2918%            | 308%             | 1,438            | 2%      | 631%    | 63%           | -20%          | 34%            | -17%    |         | YOY% Change Family Dog total titles earned           |
| Change Family Dog                                   | 1100%               | -92%           | 1000%            | 2918%            | 308%             | 070              | 270     | 031%    | 03%           | -20%          | 34%            | -1/70   | 170     | 101% Change Family Dog total titles earned           |
| otal Uniques Earning a TRP Title (each year)        | 25                  | 35             | 48               | 282              | 991              | 1,367            | 1,532   | 320     | 522           | 1,133         | 2,574          | 2,766   | 2,634   | Unique # earning a TRP title each year               |
| 6 Change Title Recognition Program (TRP)            | 92%                 | 40%            | 37%              | 488%             | 251%             | 38%              | 12%     | -79%    | 63%           | 117%          | 127%           | 7%      | -5%     | YOY% Change TRP total titles earned                  |
| otal Uniques in Sports/Events (each year)           | 190,648             | 189,594        | 187,174          | 182,383          | 178,311          | 173,422          | 170,734 | 169,068 | 170,221       | 170,771       | 129,308        | 159,462 |         | Unique # participating in Sports/Events each year    |
| Change in Participating in Sports/Events            | -3%                 | -1%            | -1%              | -3%              | -2%              | -3%              | -2%     | -1%     | 1%            | 0%            | -24%           | 23%     | -4%     | YOY% Change all Sports/Events total dogs             |
|   |                     |                |                  |                  |                  |                  |         |         |               |               |                |         |         | •  |
| % Change YOY  | 2010                | 2011           | 2012             | 2013             | 2014             | 2015             | 2016    | 2017    | 2018          | 2019          | 2020           | 2021    | 2022    |  |
| Registered Litters                                  | -11.7%              | -10.6%         | -7.1%            | -5.3%            | -2.2%            | 0.4%             | 6.1%    | 6.9%    | 4.5%          | 3.0%          | 11.6%          | 12.7%   | 0.5%    | These %'s are calculated to show the change          |
| Litter Complement                                   | -10.7%              | -9.4%          | -5.7%            | -4.1%            | -1.1%            | 1.8%             | 8.6%    | 8.6%    | 4.4%          | 4.0%          | 12.5%          | 13.2%   | -0.9%   | each year from the previous year.                    |
| Registered Dogs                                     | -13.6%              | -5.2%          | -6.9%            | -3.4%            | 0.0%             | 2.0%             | 7.7%    | 7.0%    | 3.5%          | 1.3%          | 19.5%          | 13.8%   | -10.4%  | cach year from the previous year.                    |
| % Change Relative 2010                              | 2010                | 2011           | 2012             | 2013             | 2014             | 2015             | 2016    | 2017    | 2018          | 2019          | 2020           | 2021    | 2022    |  |
| Ü   | 0.0%                | -10.6%         | -16.9%           | -21.4%           | -23.1%           | -22.8%           | -18.1%  | -12.4%  | -8.5%         | -5.7%         | 5.3%           | 18.6%   | 19.2%   |  |
| Registered Litters<br>Litter Complement             | 0.0%                | -10.6%         | -16.9%<br>-14.6% | -21.4%<br>-18.1% | -23.1%<br>-19.0% | -22.8%<br>-17.5% | -18.1%  | -12.4%  | -8.5%<br>1.6% | -5.7%<br>5.6% | 18.8%          | 34.4%   | 33.2%   | These %'s are calculated to show the change          |
| Registered Dogs                                     | 0.0%                | -9.4%<br>-5.2% | -14.6%<br>-11.7% | -18.1%           | -19.0%           | -17.5%           | -10.4%  | 0.1%    | 3.6%          | 4.9%          | 18.8%<br>25.4% | 42.7%   | 27.9%   | each year compared to 2009.                          |
| negistered bogs                                     | 0.070               | -J.Z/0         | -11.//0          | -14.770          | 14.070           | 13.1/0           | -0.470  | 0.1/0   | 3.070         | 4.370         | 23.470         | 44.770  | 21.370  |  |
|   | 2010                | 2011           | 2012             | 2013             | 2014             | 2015             | 2016    | 2017    | 2018          | 2019          | 2020           | 2021    | 2022    |  |
| Rank by Litters Registered                          | -                   | -              | -                | -                | -                | -                | -       | -       | -             | -             | -              | -       | -       |  |
| Rank by Dogs Registered                             | -                   | -              | -                | -                | -                | -                | -       | -       | -             | -             | -              | -       | -       |  |

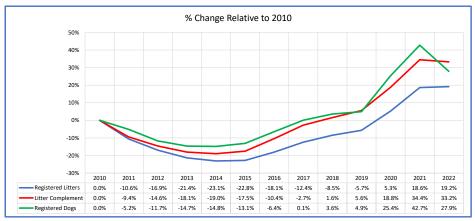
All Breeds (AKC only)

2022 (as of 3/2023)



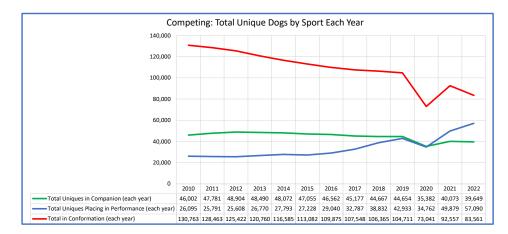


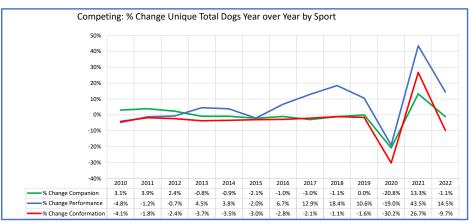


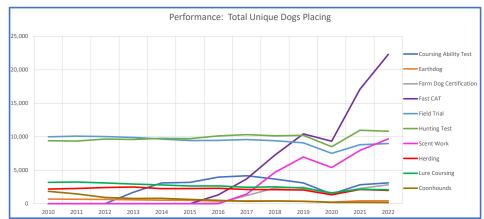


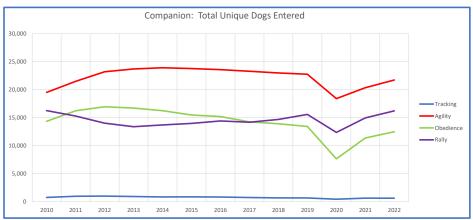
All Breeds (AKC only)

2022 (as of 3/2023)









All Breeds (AKC only)

2022 (as of 3/2023)

