**White Paper**

Development of Dolphin Wahoo Amendment 10

Snapper Grouper Amendment 44

June 2016

At their December 2015 meeting in Atlantic Beach, North Carolina, the South Atlantic Fishery Management Council (Council) discussed allocation issues facing the dolphin and yellowtail snapper fisheries. The Council directed staff to plan for a March 2016 joint meeting of the Dolphin Wahoo and Snapper Grouper Committees to discuss the potential development of a new joint Dolphin Wahoo/Snapper Grouper Amendment to address allocation considerations.

At the March 2016 meeting the Council discussed the following actions that could go in to DW Amendment 20/SG Amendment 44:

* Commercial gear separation in the dolphin fishery (hook/line and longline)
* Temporary allocation shifts between sectors similar to current Action 8 in CMP Amendment 26. However, while CMP 26 Action 8 refers to temporary allocation shifts from the recreational sector to the commercial sector, the Committee wanted any action in this amendment to allow temporary allocation shifts from either sector to the other.
* Common pool allocations where either sector can draw from the pool as needed.
* Institute a rollover reserve. If a sector does not harvest all of its allocation in one year, it could be made available to that sector in the next year. The Council may want to consider the percent of a sector’s ACL that could be rolled over.
* Have a single ACL for the fishery – no sector ACLs. For species that are not overfished or experiencing overfishing such as dolphin, once a percent of the total ACL is reached in one fishing season, sector ACLs could be instituted in the following season.
* Temporary allocation shifts such as in the bluefish fishery. The current temporary allocation shift in the bluefish allocation is as follows: *If 17 percent of the TAL is less than 10.5 million lb (4.8 million kg) and the recreational fishery is not projected to land its harvest limit for the upcoming year, the commercial fishery may be allocated up to 10.5 million lb (4.8 million kg) as its quota, provided that the combination of the projected recreational landings and the commercial quota does not exceed the TAL.*
* Include all other options discussed in the white paper in the March 2016 briefing book for the Joint Dolphin Wahoo/Snapper Grouper Committee not discussed above.

The Committee discussed waiting until June 2016 to decide which items to consider including in the amendment and to send the amendment out for scoping in August 2016.

In March 2016, motions were past specifically to consider a single ACL for both dolphin and yellowtail snapper as actions in DW 10/SG 44, and consider separate ACLs by gear type (longline and hook/line) for the commercial dolphin fishery.

**Draft Action – Remove sector ACLS for dolphin and yellowtail snapper**

**Alternative 1 (No Action)** – The overall ACL for dolphin is separated by sector (90% recreational/10% commercial. The overall ACL for yellowtail snapper is separated by sector (47.44%recreational/52.56% commercial).

**Alternative 2** – Create a single species ACL

**Sub-alternative 2a** – for dolphin

**Sub-alternative 2b** – for yellowtail snapper

**Draft Action – Allocate dolphin by gear type for the commercial sector**

**Alternative 1 (No Action)** – There is currently one sector ACL for all gear types in the dolphin fishery for the commercial sector.

**Alternative 2** – Create separate commercial sector gear allocations for the dolphin fishery.

**Sub-alternative 2a** – Allocate % of the commercial ACL for dolphin to longline gear. Allocate % of the commercial ACL for dolphin to all other commercial fishing gear.

Tables showing landings by sector (and in the case of dolphin, also by commercial gear) are on subsequent pages following the discussion of possible actions the joint committee may wish to include in a new amendment. These tables may help inform the discussion. Also available as attachments are the SEFSC report on “Trends in Atlantic Dolphin Landings 2010-2015 and ACL Monitoring of Atlantic Dolphin by the SEFSC during the 2015 Season” (***Attachment 4***) and the “Dolphin Commercial Trip Limits” (***Attachment 3***) white paper from the September 2015 briefing book

The Joint Committee may also choose to discuss how OY is operationally defined for the commercial and recreational sectors, as what might be considered optimal for one sector is not optimal for the other. Such a discussion could be beneficial in informing talks on revisiting allocation scenarios for dolphin, yellowtail snapper, and other species important to both sectors.

At the December meeting the Council discussed several items that could be included in a proposed Amendment. Possible items for a new amendment could be:

**DOLPHIN**

**Commercial gear sector allocations for (longline and hook and line) (Table 1)**

When the commercial sector of the dolphin fishery closed on June 30, 2015, all commercial fishing for dolphin ceased for the rest of the calendar year. Traditionally, the longline gear sector makes the majority of their catches between late April and early July. The hook-and-line gear sector in the past has continued to fish throughout the year. In 2015, the hook-and-line gear sector was not able to fish as they had historically. The Council wanted to consider sub-allocations of the commercial ACL to the gear sectors so that increased landings by one gear will not adversely affect other gear sectors’ ability to fish for dolphin.

**Table 1** shows the pounds landed (ww) of dolphin by longline and hook and line gear types from 2005 through 2014 by month. In that 10-year period, when there were no closures, 62% of commercially landed dolphin was by longlines and 48% by hook and line. Only in May and June do longline landings have a much larger percent of the landings compared to hook and line-caught fish. The longline landings volume in May and June tend to be very large, whereas the hook and line landings are more evenly distributed throughout the fishing year.

**Consider permanent or temporary allocation shifts between commercial and recreational sectors**

One way to consider allocation would be to allow temporary allocation shifts between sectors when it appears that one sector is not going to land its entire ACL while the other sector is likely to be closed. If a temporary allocation shift occurred, it would only be valid for the fishing year in which the shift occurred. The following season would go back to the regular sector allocations. Additionally, the Council could consider permanent allocation shifts between sectors such as occurred in Amendment 8.

**Table 2** is similar to **Table 1** except that it combines all commercial landings of dolphin and compares them to recreational landings by month for the years 2005 through 2014. The 2005 – 2014 10% commercial/90% recreational allocations matches the revised allocation put in place in Dolphin Wahoo FMP Amendment 8.

**Establish a common pool allocation or reserve category allocation**

While Amendment 8 permanently increased the commercial allocation for dolphin to 10%, there are still issues regarding dolphin allocations that remain. The recreational sector typically does not land its entire sector ACL. Some interests would like to see if some of the uncaught ACL by one sector could be made available to the other sector. One way to consider such a situation is to create a common pool allocation or set aside some of the overall ACL into a reserve that would be tapped into by either the commercial or recreational sector only if it needed the additional pounds of fish to keep from going over its sector ACL.

**YELLOWTAIL SNAPPER**

**Consider permanent or temporary allocation shifts between commercial and recreational sectors**

One way to consider allocation would be to allow temporary allocation shifts between sectors when it appears that one sector is not going to land its entire ACL while the other sector is likely to be closed. If a temporary allocation shift occurred, it would only be valid for the fishing year in which the shift occurred. The following season would go back to the regular sector allocations. Additionally, the Council could consider permanent allocation shifts between sectors.

**Table 3** is similar to **Table 2** except that it compares commercial landings of yellowtail snapper with recreational landings by month for the years 2005 through 2014. The current allocations for yellowtail snapper are 52.56% commercial and 47.44% recreational. The commercial sector was closed for yellowtail snapper on 10/31/2015, it was not closed during the 2005 – 2014 time series used in **Table 3**. The recreational sector has not been closed for yellowtail snapper.

**Establish a common pool allocation or reserve category allocation**

The recreational sector for yellowtail snapper in the South Atlantic has not landed its sector ACL. Some interests would like to see if some of the uncaught ACL by one sector could be made available to the other sector. One way to consider such a situation is to create a common pool allocation or set aside some of the overall ACL into a reserve that would be tapped into by either the commercial or recreational sector only if it needed the additional pounds of fish to keep from going over its sector ACL.

If the Joint Dolphin Wahoo/Snapper Grouper Committee/Full Council would like to pursue the development of Dolphin Wahoo Amendment 10/Snapper Grouper Amendment 44, a motion could be made to send potential actions out for scoping.

SUGGESTED MOTION: DIRECT STAFF TO DEVELOP A SCOPING DOCUMENT AND SEND DOLPHIN WAHOO AMENDMENT 10/SNAPPER GROUPER AMENDMENT 44 OUT FOR SCOPING IN APRIL/MAY OF 2016 USING WEBINARS.

**Table 1**. Dolphin landings by month/year for the commercial sector by gear type

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 2005 | | 2006 | | 2007 | | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | Average 2005 - 2014 | |
|  |  | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % |
| January | Longline | 1,479 | 23% | 447 | 10% | 1,412 | 24% | 5,422 | 55% | 4,269 | 46% | 1,660 | 40% | 1,059 | 22% | 10,738 | 56% | 7,608 | 65% | 9,161 | 73% | 4,326 | 49% |
|  | H &L | 4,980 | 77% | 3,847 | 90% | 4,589 | 76% | 4,353 | 45% | 4,996 | 54% | 2,511 | 60% | 3,801 | 78% | 8,544 | 44% | 4,122 | 35% | 3,462 | 27% | 4,520 | 51% |
| February | Longline | 1,129 | 11% | 1,050 | 17% | 4,105 | 54% | 8,211 | 66% | 3,073 | 31% | 1,063 | 25% | 770 | 12% | 12,215 | 59% | 9,996 | 73% | 16,912 | 76% | 5,852 | 51% |
|  | H &L | 9,344 | 89% | 5,180 | 83% | 3,450 | 46% | 4,145 | 34% | 6,921 | 69% | 3,183 | 75% | 5,555 | 88% | 8,363 | 41% | 3,730 | 27% | 5,476 | 24% | 5,535 | 49% |
| March | Longline | 1,839 | 21% | 841 | 9% | 5,071 | 37% | 11,626 | 73% | 7,221 | 44% | 2,063 | 34% | 1,962 | 22% | 15,754 | 61% | 7,375 | 44% | 22,432 | 75% | 7,618 | 50% |
|  | H &L | 6,894 | 79% | 8,316 | 91% | 8,557 | 63% | 4,292 | 27% | 9,045 | 56% | 4,053 | 66% | 6,800 | 78% | 10,004 | 39% | 9,476 | 56% | 7,375 | 25% | 7,481 | 50% |
| April | Longline | 6,077 | 33% | 3,722 | 15% | 10,991 | 35% | 21,065 | 58% | 12,181 | 32% | 4,680 | 31% | 6,309 | 39% | 24,655 | 64% | 10,269 | 42% | 24,352 | 61% | 12,430 | 44% |
|  | H &L | 12,285 | 67% | 20,830 | 85% | 20,435 | 65% | 15,400 | 42% | 26,210 | 68% | 10,363 | 69% | 9,765 | 61% | 14,072 | 36% | 14,293 | 58% | 15,612 | 39% | 15,926 | 56% |
| May | Longline | 156,093 | 69% | 130,068 | 55% | 270,079 | 72% | 214,966 | 75% | 395,123 | 69% | 232,718 | 72% | 255,945 | 68% | 273,571 | 80% | 153,954 | 67% | 483,578 | 87% | 256,609 | 73% |
|  | H &L | 70,469 | 31% | 108,094 | 45% | 103,512 | 28% | 73,393 | 25% | 179,956 | 31% | 91,576 | 28% | 118,804 | 32% | 67,765 | 20% | 77,267 | 33% | 70,702 | 13% | 96,154 | 27% |
| June | Longline | 70,494 | 43% | 169,168 | 75% | 236,318 | 73% | 200,591 | 68% | 279,368 | 73% | 154,719 | 71% | 49,216 | 38% | 30,821 | 44% | 128,555 | 77% | 172,761 | 71% | 149,201 | 67% |
|  | H &L | 94,899 | 57% | 57,722 | 25% | 87,927 | 27% | 94,990 | 32% | 101,566 | 27% | 63,465 | 29% | 80,835 | 62% | 39,317 | 56% | 38,093 | 23% | 69,649 | 29% | 72,846 | 33% |
| July | Longline | 6,951 | 14% | 11,212 | 26% | 10,496 | 22% | 4,268 | 15% | 30,689 | 49% | 5,341 | 17% | 4,587 | 10% | 7,632 | 29% | 10,925 | 35% | 9,855 | 25% | 10,196 | 25% |
|  | H &L | 41,874 | 86% | 31,532 | 74% | 36,944 | 78% | 24,759 | 85% | 32,387 | 51% | 25,662 | 83% | 42,569 | 90% | 18,908 | 71% | 19,939 | 65% | 28,837 | 75% | 30,341 | 75% |
| August | Longline | 1,844 | 9% | 1,945 | 7% | 3,184 | 15% | 2,421 | 11% | 2,907 | 21% | 2,105 | 10% | 3,269 | 8% | 1,447 | 8% | 5,819 | 24% | 2,940 | 13% | 2,788 | 12% |
|  | H &L | 17,892 | 91% | 25,039 | 93% | 18,535 | 85% | 20,359 | 89% | 11,239 | 79% | 18,568 | 90% | 39,962 | 92% | 17,547 | 92% | 18,171 | 76% | 19,591 | 87% | 20,690 | 88% |
| September | Longline | 698 | 7% | 648 | 10% | 1,564 | 11% | 1,789 | 9% | 1,908 | 22% | 2,832 | 32% | 3,671 | 8% | 2,530 | 19% | 3,302 | 33% | 2,749 | 21% | 2,169 | 14% |
|  | H &L | 9,560 | 93% | 5,684 | 90% | 13,316 | 89% | 18,705 | 91% | 6,934 | 78% | 6,126 | 68% | 42,997 | 92% | 10,685 | 81% | 6,615 | 67% | 10,536 | 79% | 13,116 | 86% |
| October | Longline | 1,137 | 15% | 807 | 17% | 1,239 | 11% | 3,256 | 29% | 3,514 | 35% | 2,229 | 25% | 5,351 | 31% | 5,462 | 32% | 3,414 | 24% | 3,767 | 24% | 3,018 | 26% |
|  | H &L | 6,421 | 85% | 4,041 | 83% | 9,677 | 89% | 8,125 | 71% | 6,588 | 65% | 6,706 | 75% | 12,023 | 69% | 11,751 | 68% | 10,706 | 76% | 11,991 | 76% | 8,803 | 74% |
| November | Longline | 505 | 6% | 564 | 11% | 969 | 13% | 2,705 | 23% | 1,446 | 21% | 4,441 | 35% | 5,908 | 21% | 4,194 | 43% | 1,171 | 24% | 3,368 | 33% | 2,527 | 24% |
|  | H &L | 7,977 | 94% | 4,457 | 89% | 6,466 | 87% | 9,060 | 77% | 5,452 | 79% | 8,150 | 65% | 21,753 | 79% | 5,624 | 57% | 3,612 | 76% | 6,759 | 67% | 7,931 | 76% |
| December | Longline | 196 | 4% | 696 | 9% | 702 | 15% | 2,858 | 41% | 1,438 | 29% | 2,062 | 29% | 14,944 | 65% | 5,921 | 50% | 5,526 | 63% | 7,631 | 76% | 4,197 | 47% |
|  | H &L | 4,683 | 96% | 7,135 | 91% | 4,091 | 85% | 4,036 | 59% | 3,585 | 71% | 4,996 | 71% | 7,876 | 35% | 5,982 | 50% | 3,254 | 37% | 2,459 | 24% | 4,810 | 53% |
| Annual | Longline | 248,443 | 46% | 321,170 | 53% | 546,131 | 63% | 479,179 | 63% | 743,138 | 65% | 415,912 | 63% | 352,991 | 47% | 394,941 | 64% | 347,914 | 62% | 759,506 | 75% | 460,932 | 62% |
|  | H & L | 287,277 | 54% | 281,875 | 47% | 317,498 | 37% | 281,616 | 37% | 394,878 | 35% | 245,360 | 37% | 392,740 | 53% | 218,561 | 36% | 209,278 | 38% | 252,449 | 25% | 288,153 | 38% |

**Table 2**. Dolphin landings by month/year by commercial and recreational sectors

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 2005 | | 2006 | | 2007 | | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | Average 2005 - 2014 | |
|  |  | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % |
| January | Commercial | 6,459 | 12% | 4,294 | 4% | 6,001 | 5% | 9,775 | 8% | 9,265 | 9% | 4,171 | 5% | 4,860 | 17% | 19,282 | 15% | 11,730 | 25% | 12,623 | 48% | 8,846 | 11% |
|  | Recreational | 49,069 | 88% | 107,248 | 96% | 119,434 | 95% | 113,937 | 92% | 93,938 | 91% | 83,793 | 95% | 23,334 | 83% | 107,002 | 85% | 34,723 | 75% | 13,517 | 52% | 74,600 | 89% |
| February | Commercial | 10,473 | 7% | 6,230 | 7% | 7,555 | 2% | 12,356 | 38% | 9,994 | 4% | 4,246 | 6% | 6,325 | 19% | 20,578 | 27% | 13,726 | 26% | 22,388 | 26% | 11,387 | 10% |
|  | Recreational | 138,247 | 93% | 79,560 | 93% | 312,875 | 98% | 20,054 | 62% | 222,906 | 96% | 62,834 | 94% | 26,960 | 81% | 54,557 | 73% | 38,703 | 74% | 62,557 | 74% | 101,925 | 90% |
| March | Commercial | 8,733 | 6% | 9,157 | 7% | 13,628 | 6% | 15,918 | 9% | 16,266 | 7% | 6,116 | 16% | 8,762 | 7% | 25,758 | 12% | 16,851 | 12% | 29,807 | 24% | 15,100 | 9% |
|  | Recreational | 139,721 | 94% | 128,487 | 93% | 234,121 | 94% | 151,848 | 91% | 224,867 | 93% | 31,133 | 84% | 116,475 | 93% | 198,216 | 88% | 125,005 | 88% | 95,288 | 76% | 144,516 | 91% |
| April | Commercial | 18,362 | 4% | 24,552 | 4% | 31,426 | 6% | 36,465 | 3% | 38,391 | 6% | 15,043 | 2% | 16,074 | 8% | 38,727 | 4% | 24,562 | 17% | 39,964 | 6% | 28,357 | 5% |
|  | Recreational | 499,031 | 96% | 662,217 | 96% | 500,303 | 94% | 1,027,783 | 97% | 650,906 | 94% | 608,830 | 98% | 196,508 | 92% | 894,238 | 96% | 115,885 | 83% | 589,941 | 94% | 574,564 | 95% |
| May | Commercial | 226,562 | 17% | 238,162 | 10% | 373,591 | 11% | 288,359 | 19% | 575,079 | 26% | 324,294 | 23% | 374,749 | 22% | 341,336 | 17% | 231,221 | 19% | 554,280 | 50% | 352,763 | 20% |
|  | Recreational | 1,078,394 | 83% | 2,036,035 | 90% | 2,928,191 | 89% | 1,228,339 | 81% | 1,668,952 | 74% | 1,088,157 | 77% | 1,348,228 | 78% | 1,612,926 | 83% | 955,128 | 81% | 555,469 | 50% | 1,449,982 | 80% |
| June | Commercial | 165,393 | 8% | 226,890 | 12% | 324,245 | 15% | 295,581 | 14% | 380,934 | 18% | 218,184 | 7% | 130,051 | 7% | 70,138 | 5% | 166,648 | 17% | 242,410 | 14% | 222,047 | 12% |
|  | Recreational | 1,888,739 | 92% | 1,639,280 | 88% | 1,861,920 | 85% | 1,770,794 | 86% | 1,700,191 | 82% | 2,909,746 | 93% | 1,609,310 | 93% | 1,216,979 | 95% | 797,973 | 83% | 1,501,502 | 86% | 1,689,643 | 88% |
| July | Commercial | 48,825 | 2% | 42,744 | 3% | 47,440 | 2% | 29,027 | 3% | 63,076 | 5% | 31,003 | 6% | 47,156 | 4% | 26,540 | 7% | 30,864 | 6% | 38,692 | 6% | 40,537 | 3% |
|  | Recreational | 2,744,368 | 98% | 1,595,181 | 97% | 2,189,882 | 98% | 1,072,032 | 97% | 1,282,260 | 95% | 517,093 | 94% | 1,121,318 | 96% | 348,724 | 93% | 444,596 | 94% | 631,332 | 94% | 1,194,679 | 97% |
| August | Commercial | 19,736 | 2% | 26,984 | 3% | 21,719 | 4% | 22,780 | 3% | 14,146 | 4% | 20,673 | 5% | 43,231 | 7% | 18,994 | 5% | 23,990 | 3% | 22,531 | 7% | 23,478 | 4% |
|  | Recreational | 1,101,655 | 98% | 771,091 | 97% | 483,552 | 96% | 869,278 | 97% | 328,087 | 96% | 356,509 | 95% | 544,929 | 93% | 393,352 | 95% | 807,122 | 97% | 321,223 | 93% | 597,680 | 96% |
| September | Commercial | 10,258 | 4% | 6,332 | 1% | 14,880 | 5% | 20,494 | 3% | 8,842 | 6% | 8,958 | 4% | 46,668 | 10% | 13,215 | 4% | 9,917 | 4% | 13,285 | 9% | 15,285 | 5% |
|  | Recreational | 257,054 | 96% | 583,633 | 99% | 286,277 | 95% | 574,690 | 97% | 145,211 | 94% | 206,412 | 96% | 423,711 | 90% | 362,116 | 96% | 231,474 | 96% | 142,211 | 91% | 321,279 | 95% |
| October | Commercial | 7,558 | 4% | 4,848 | 2% | 10,916 | 4% | 11,381 | 5% | 10,102 | 10% | 8,935 | 8% | 17,374 | 4% | 17,213 | 4% | 14,120 | 9% | 15,758 | 3% | 11,821 | 4% |
|  | Recreational | 200,791 | 96% | 256,066 | 98% | 246,126 | 96% | 236,732 | 95% | 87,766 | 90% | 96,653 | 92% | 432,008 | 96% | 442,311 | 96% | 144,928 | 91% | 435,318 | 97% | 257,870 | 96% |
| November | Commercial | 8,482 | 4% | 5,021 | 5% | 7,435 | 4% | 11,765 | 3% | 6,898 | 3% | 12,591 | 36% | 27,661 | 19% | 9,818 | 12% | 4,783 | 16% | 10,127 | 18% | 10,458 | 7% |
|  | Recreational | 192,767 | 96% | 98,242 | 95% | 198,379 | 96% | 365,669 | 97% | 197,768 | 97% | 22,695 | 64% | 116,541 | 81% | 70,921 | 88% | 25,097 | 84% | 47,216 | 82% | 133,530 | 93% |
| December | Commercial | 4,879 | 4% | 7,831 | 3% | 4,793 | 6% | 6,894 | 3% | 5,023 | 2% | 7,058 | 16% | 22,820 | 11% | 11,903 | 7% | 8,780 | 6% | 10,090 | 8% | 9,007 | 5% |
|  | Recreational | 124,803 | 96% | 237,135 | 97% | 75,118 | 94% | 248,417 | 97% | 252,408 | 98% | 36,624 | 84% | 175,616 | 89% | 160,428 | 93% | 143,687 | 94% | 121,176 | 92% | 157,541 | 95% |
| Annual | Commercial | 535,720 | 6% | 603,045 | 7% | 863,629 | 8% | 760,795 | 9% | 1,138,016 | 14% | 661,272 | 10% | 745,731 | 11% | 613,502 | 9% | 557,192 | 13% | 1,011,955 | 18% | 749,086 | 10% |
|  | Recreational | 8,414,637 | 94% | 8,194,176 | 93% | 9,436,178 | 92% | 7,679,572 | 91% | 6,855,259 | 86% | 6,020,479 | 90% | 6,134,938 | 89% | 5,861,772 | 91% | 3,864,320 | 87% | 4,516,751 | 82% | 6,697,808 | 90% |

**Table 3**. Yellowtail snapper landings by month/year by commercial and recreational sectors

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 2005 | | 2006 | | 2007 | | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | Average 2005 - 2014 | |
|  |  | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % | Lbs ww | % |
| January | Commercial | 52,843 | 60% | 58,660 | 80% | 49,025 | 46% | 53,701 | 49% | 49,594 | 52% | 46,429 | 68% | 51,019 | 73% | 79,114 | 70% | 66,160 | 43% | 42,750 | 36% | 54,930 | 55% |
|  | Recreational | 35,728 | 40% | 14,293 | 20% | 58,555 | 54% | 55,625 | 51% | 46,257 | 48% | 21,491 | 32% | 18,580 | 27% | 33,829 | 30% | 86,017 | 57% | 77,010 | 64% | 44,738 | 45% |
| February | Commercial | 61,897 | 66% | 49,315 | 32% | 41,135 | 31% | 66,208 | 59% | 35,819 | 31% | 45,668 | 71% | 48,897 | 36% | 115,890 | 83% | 100,077 | 75% | 88,872 | 33% | 65,378 | 49% |
|  | Recreational | 32,264 | 34% | 103,610 | 68% | 91,813 | 69% | 45,071 | 41% | 79,813 | 69% | 18,229 | 29% | 86,011 | 64% | 24,398 | 17% | 32,894 | 25% | 176,889 | 67% | 69,099 | 51% |
| March | Commercial | 74,031 | 58% | 76,143 | 49% | 22,910 | 34% | 62,711 | 56% | 70,980 | 80% | 63,469 | 71% | 100,788 | 69% | 143,277 | 57% | 88,244 | 57% | 98,636 | 72% | 80,119 | 60% |
|  | Recreational | 52,864 | 42% | 77,923 | 51% | 44,033 | 66% | 50,127 | 44% | 17,387 | 20% | 25,799 | 29% | 44,559 | 31% | 108,423 | 43% | 65,741 | 43% | 38,227 | 28% | 52,508 | 40% |
| April | Commercial | 66,916 | 61% | 93,932 | 61% | 55,730 | 54% | 123,854 | 43% | 113,124 | 70% | 112,671 | 74% | 142,416 | 83% | 144,119 | 81% | 147,505 | 65% | 136,111 | 64% | 113,638 | 65% |
|  | Recreational | 43,536 | 39% | 59,491 | 39% | 46,855 | 46% | 167,090 | 57% | 48,049 | 30% | 39,035 | 26% | 29,201 | 17% | 34,536 | 19% | 77,936 | 35% | 75,596 | 36% | 62,133 | 35% |
| May | Commercial | 115,391 | 75% | 93,218 | 69% | 66,361 | 35% | 98,918 | 65% | 133,268 | 76% | 200,611 | 74% | 142,906 | 85% | 195,404 | 64% | 199,457 | 64% | 175,225 | 51% | 142,076 | 64% |
|  | Recreational | 38,321 | 25% | 41,561 | 31% | 122,766 | 65% | 52,578 | 35% | 41,952 | 24% | 71,995 | 26% | 24,754 | 15% | 110,962 | 36% | 111,666 | 36% | 169,018 | 49% | 78,557 | 36% |
| June | Commercial | 98,532 | 63% | 74,206 | 58% | 115,556 | 42% | 121,346 | 46% | 133,169 | 73% | 183,711 | 57% | 111,853 | 78% | 140,350 | 79% | 174,877 | 49% | 172,977 | 55% | 132,658 | 57% |
|  | Recreational | 58,457 | 37% | 52,686 | 42% | 158,962 | 58% | 142,809 | 54% | 48,496 | 27% | 137,379 | 43% | 32,007 | 22% | 36,678 | 21% | 180,303 | 51% | 143,114 | 45% | 99,089 | 43% |
| July | Commercial | 91,453 | 59% | 42,118 | 53% | 54,585 | 17% | 102,815 | 22% | 107,665 | 73% | 97,021 | 52% | 91,754 | 72% | 149,331 | 73% | 123,552 | 46% | 103,646 | 44% | 96,394 | 44% |
|  | Recreational | 64,810 | 41% | 36,956 | 47% | 262,611 | 83% | 370,100 | 78% | 39,796 | 27% | 91,260 | 48% | 36,356 | 28% | 56,365 | 27% | 144,987 | 54% | 132,357 | 56% | 123,560 | 56% |
| August | Commercial | 50,907 | 54% | 44,266 | 49% | 40,868 | 44% | 68,535 | 52% | 100,407 | 79% | 140,530 | 79% | 84,204 | 68% | 97,872 | 84% | 108,309 | 66% | 69,450 | 42% | 80,535 | 63% |
|  | Recreational | 43,034 | 46% | 46,108 | 51% | 51,785 | 56% | 63,741 | 48% | 27,347 | 21% | 38,179 | 21% | 39,757 | 32% | 17,955 | 16% | 56,338 | 34% | 96,507 | 58% | 48,075 | 37% |
| September | Commercial | 61,369 | 51% | 54,825 | 58% | 45,469 | 27% | 74,581 | 61% | 99,615 | 86% | 70,507 | 60% | 101,293 | 67% | 120,555 | 77% | 123,531 | 80% | 70,608 | 71% | 82,235 | 63% |
|  | Recreational | 58,589 | 49% | 40,214 | 42% | 120,827 | 73% | 46,764 | 39% | 16,386 | 14% | 47,516 | 40% | 50,352 | 33% | 35,434 | 23% | 30,360 | 20% | 28,604 | 29% | 47,505 | 37% |
| October | Commercial | 31,305 | 52% | 48,786 | 41% | 36,049 | 41% | 48,740 | 69% | 89,293 | 81% | 66,323 | 82% | 92,895 | 85% | 96,785 | 75% | 76,223 | 69% | 89,986 | 70% | 67,639 | 67% |
|  | Recreational | 29,136 | 48% | 69,131 | 59% | 52,438 | 59% | 22,131 | 31% | 21,413 | 19% | 14,647 | 18% | 16,747 | 15% | 32,992 | 25% | 35,015 | 31% | 39,122 | 30% | 33,277 | 33% |
| November | Commercial | 43,805 | 50% | 33,474 | 37% | 41,255 | 48% | 39,447 | 52% | 80,726 | 47% | 61,722 | 56% | 94,836 | 68% | 71,916 | 45% | 53,858 | 61% | 80,584 | 77% | 60,162 | 54% |
|  | Recreational | 43,477 | 50% | 56,295 | 63% | 45,100 | 52% | 36,259 | 48% | 89,858 | 53% | 48,433 | 44% | 44,133 | 32% | 88,951 | 55% | 33,758 | 39% | 23,460 | 23% | 50,972 | 46% |
| December | Commercial | 69,172 | 63% | 27,262 | 41% | 60,435 | 62% | 50,428 | 25% | 71,697 | 85% | 38,909 | 86% | 63,259 | 80% | 88,192 | 71% | 67,338 | 73% | 81,084 | 51% | 61,778 | 58% |
|  | Recreational | 40,838 | 37% | 39,829 | 59% | 36,796 | 38% | 151,215 | 75% | 13,114 | 15% | 6,420 | 14% | 15,700 | 20% | 36,311 | 29% | 24,749 | 27% | 79,316 | 49% | 44,429 | 42% |
| Annual | Commercial | 817,621 | 60% | 696,205 | 52% | 629,378 | 37% | 911,284 | 43% | 1,085,357 | 69% | 1,127,571 | 67% | 1,126,120 | 72% | 1,442,805 | 70% | 1,329,131 | 60% | 1,209,929 | 53% | 1,037,540 | 58% |
|  | Recreational | 541,054 | 40% | 638,096 | 48% | 1,092,540 | 63% | 1,203,510 | 57% | 489,868 | 31% | 560,385 | 33% | 438,156 | 28% | 616,833 | 30% | 879,764 | 40% | 1,079,222 | 47% | 753,943 | 42% |