



Amendment 33: Gulf King Mackerel Sector Allocations

GMFMC Oct 2022 Meeting



Background

- 2020 Gulf king mackerel update (SEDAR 38U):
 - Not overfished, not experiencing overfishing
- Proposed modification:
 - Sector allocations (commercial, recreational)
 - Currently 68% recreational, 32% commercial; in effect since 1985

Background

- Proposed modifications:
 - Sector allocations (commercial, recreational)
 - Currently 68% recreational, 32% commercial; in effect since 1985.
 - *Reallocation is being considered to address the differences in sector landings relative to sector ACL, while accounting for adjustments in historical recreational landings from the replacement of Marine Recreational Information Program's (MRIP) Coastal Household Telephone Survey (CHTS) data with MRIP's Fishing Effort Survey (FES) data.*

Gulf Council & South Atlantic Council Joint Coastal CMP FMP Objectives

- Prior to discussions in 2022, the Gulf Council and the South Atlantic Council last modified the FMP objectives in CMP Amendment 6 (1992), which brought the number of objectives from 7 to 8.
- NMFS Procedural Directive 01-119-02 (NMFS 2016) provides recommended practices during an allocation review, which includes a Council re-assessing the FMP objectives, if they are not current, clear, or measurable.
- Also, helpful to identify the FMP Objective(s) that CMP 33 is working to accomplish.

Gulf Council & South Atlantic Council Joint Coastal CMP FMP Objectives

1. The primary objective of this FMP is to stabilize yield at the maximum sustainable yield (MSY), allow recovery of overfished populations, and maintain population levels sufficient to ensure adequate recruitment.
2. To provide a flexible management system for the resource which minimizes regulatory delay while retaining substantial Council and public input in management decisions and which can rapidly adapt to changes in resource abundance, new scientific information, and changes in fishing patterns among user groups or by areas.
3. To provide necessary information for effective management and establish a mandatory reporting system for monitoring catch.
4. To minimize gear and user group conflicts.

Gulf Council & South Atlantic Council Joint Coastal CMP FMP Objectives

5. To distribute the total allowable catch of Atlantic migratory group Spanish mackerel between recreational and commercial user groups based on the catches that occurred during the early to mid-1970s, which is prior to the development of the deep water run-around gillnet fishery and when the resource was not overfished.
6. To minimize waste and bycatch in the fishery.
7. To provide appropriate management to address specific migratory groups of king mackerel.
8. To optimize the social and economic benefits of the coastal migratory pelagic fisheries.

Motions from the South Atlantic Council (Sept '22 mtg)

- Similar to the Gulf Council's motion in June '22, motion to add a new objective that reads as follows:
 - To achieve robust fishery reporting and data collection systems across all sectors for monitoring the coastal migratory pelagic fishery which minimizes scientific, management, and risk uncertainty.
- Motion to remove Objective 3, as it is redundant with the newly added objective.
 - Objective 3: To provide necessary information for effective management and establish a mandatory reporting system for monitoring catch.
- Motion to amend the language of Objective 1 to read as follows:
 - The primary objective of this FMP is to stabilize achieve and maintain optimum yield at the maximum sustainable yield (MSY), to allow recovery of overfished populations, and maintain population levels sufficient to ensure adequate recruitment.
- *Gulf Council's response to last two motions?*

Purpose and Need

- Purpose:

- The purpose of this amendment is to revise the Gulf king mackerel allocation between the commercial and recreational sectors in order to address the differences in sector landings relative to sector ACL.

- Need:

- The need for this amendment is to increase social and economic benefits for the king mackerel component of the CMP fishery through sustainable harvest in accordance with provisions set forth in the Magnuson-Stevens Fishery Conservation and Management Act.

Sector Allocations

- Recent landings history: % ACL landed

| Fishing Year | Total TAC/ACL | Comm Sector ACL | Comm Landings | Rec Sector ACL | Rec Landings | % of Sector ACL Landed | | % of Total ACL Landed |
|--------------|---------------|-----------------|---------------|----------------|--------------|------------------------|------------------|-----------------------|
| | | | | | | Comm ¹ | Rec ² | |
| 2012/2013 | 10,800,000 | 3,456,000 | 3,501,893 | 7,344,000 | 3,224,351 | 101.3% | 43.9% | 62.3% |
| 2013/2014 | 10,800,000 | 3,456,000 | 3,236,234 | 7,344,000 | 2,082,852 | 93.6% | 28.4% | 49.3% |
| 2014/2015 | 10,800,000 | 3,456,000 | 3,753,959 | 7,344,000 | 4,015,683 | 108.6% | 54.7% | 71.9% |
| 2015/2016 | 10,800,000 | 3,456,000 | 3,642,992 | 7,344,000 | 2,531,260 | 105.4% | 34.5% | 57.2% |
| 2016/2017 | 9,210,000 | 2,950,000 | 2,902,360 | 6,260,000 | 2,587,187 | 98.4% | 41.3% | 59.6% |
| 2017/2018 | 8,880,000 | 2,840,000 | 3,031,397 | 6,040,000 | 2,356,343 | 106.7% | 39.0% | 60.7% |
| 2018/2019 | 8,710,000 | 2,790,000 | 2,780,813 | 5,920,000 | 2,338,564 | 99.7% | 39.5% | 58.8% |
| 2019/2020 | 8,550,000 | 2,740,000 | 2,658,942 | 5,810,000 | 1,622,334 | 97.0% | 27.9% | 50.1% |

Proportion of sector ACLs landed and proportion of total ACL landed for Gulf king mackerel in MRIP-CHTS for the 2001/2002 – 2019/2020 fishing years. The total ACL, commercial ACL, recreational ACL, recreational landings, and commercial landings are in lbs lw.

¹Commercial allocation = 32% ²Recreational allocation = 68%



Action: Modify the Sector Allocation for Gulf of Mexico (Gulf) Migratory Group King Mackerel (Gulf King Mackerel)

Alternative 1: No Action. Maintain the sector allocation of the total annual catch limit (ACL) for Gulf king mackerel between the commercial and recreational sectors. The sector allocation for Gulf king mackerel is 32% commercial and 68% recreational. This allocation was derived from the average of available landings data from the years 1975 through 1979, and established in Amendment 1 to the Fishery Management Plan (FMP) for Coastal Migratory Pelagic (CMP) Resources in the Gulf of Mexico and Atlantic Region (CMP FMP) in 1985.

Action: Modify the Sector Allocation for Gulf of Mexico (Gulf) Migratory Group King Mackerel (Gulf King Mackerel)

Alternative 2: Modify the sector allocation for Gulf king mackerel by reallocating to the commercial sector 25% of the average difference between the total landings from the 2016/2017 through 2019/2020 fishing years using Marine Recreational Information Program's (MRIP) Fishing Effort Survey (FES) data and the total simulated annual catch limit (ACL) for Model 2 in Appendix D for the predicted total landings by sector and the total projected ACL. The resulting sector allocation for Gulf king mackerel is 42% commercial and 58% recreational.

Action: Modify the Sector Allocation for Gulf of Mexico (Gulf) Migratory Group King Mackerel (Gulf King Mackerel)

Alternative 3: Modify the sector allocation for Gulf king mackerel by reallocating to the commercial sector 50% of the average difference between the total landings from the 2016/2017 through 2019/2020 fishing years using MRIP-FES data and the total simulated ACL for Model 2 in Appendix D for the predicted total landings by sector and the total projected ACL. The resulting sector allocation for Gulf king mackerel is 53% commercial and 47% recreational.

Action: Modify the Sector Allocation for Gulf of Mexico (Gulf) Migratory Group King Mackerel (Gulf King Mackerel)

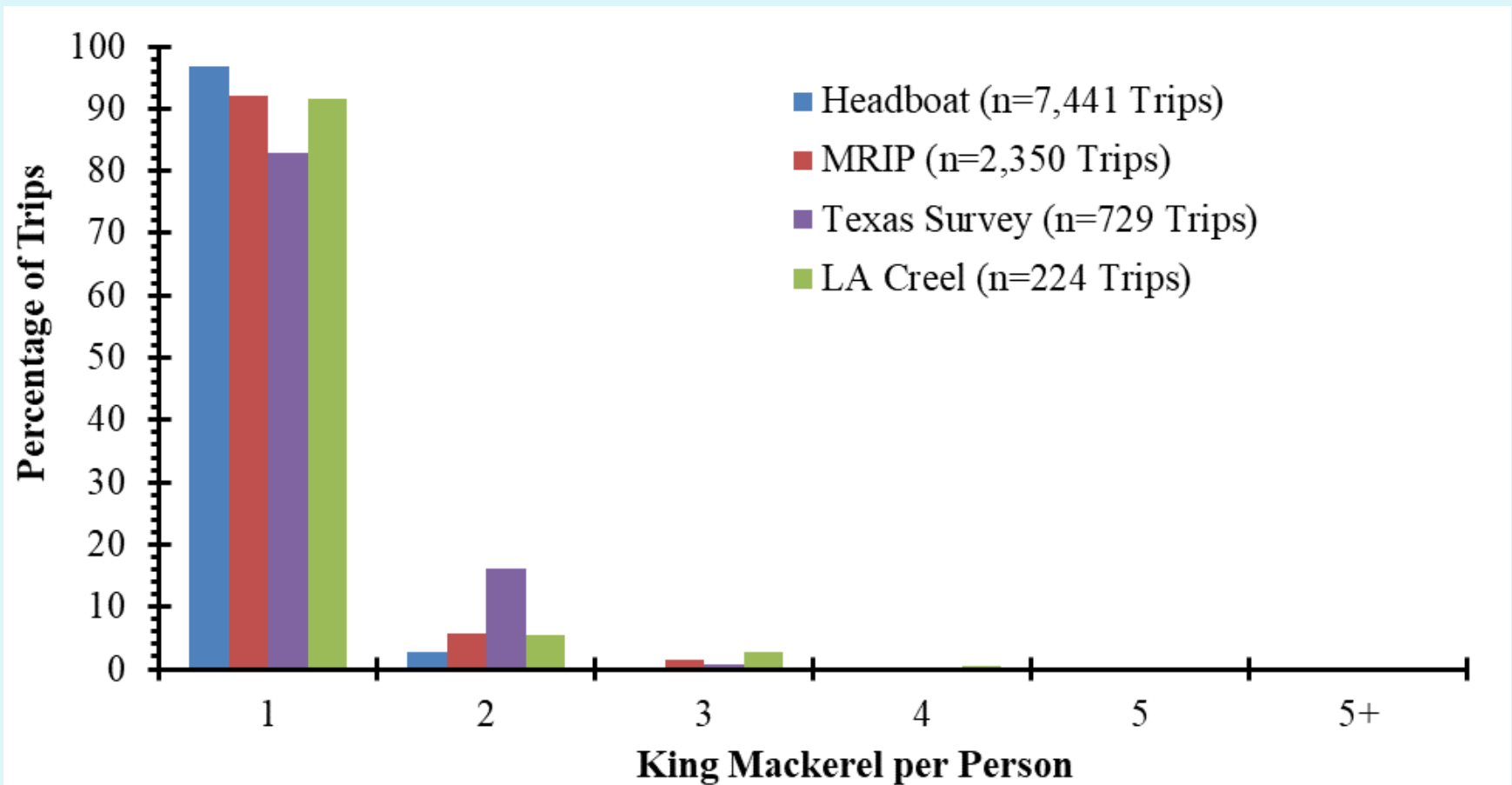
| Fishing Year | Total Landings MRIP-FES (lbs lw) | Total Projected ACL from Model 2 (lbs lw) | Difference (Landings and Projected ACL, lbs lw) | Average the Difference for 4 years (lbs lw) |
|--------------|----------------------------------|---|---|---|
| 2016/2017 | 9,367,484 | 13,690,000 | 4,322,516 | 4,119,399 |
| 2017/2018 | 9,380,321 | 13,030,000 | 3,649,679 | |
| 2018/2019 | 9,054,434 | 12,530,000 | 3,475,566 | |
| 2019/2020 | 7,130,166 | 12,160,000 | 5,029,834 | |

| Alternative | Rec ACL (lbs lw) | Rec Allocation (%) | Comm ACL (lbs lw) | Comm Allocation (%) |
|-------------|------------------|--------------------|-------------------|---------------------|
| Alt 1: 0% | 6,793,200 | 68% | 3,196,800 | 32% |
| Alt 2: 25% | 5,763,350 | 58% | 4,226,650 | 42% |
| Alt 3: 50% | 4,733,501 | 47% | 5,256,499 | 53% |

Comparison of Alternative 2 and Alternative 3 to the average of the sector-specific landings from the last four fishing years (2016/2017 – 2019/2020).

| Average Rec Landings (FES) | 2023/2024+ Rec ACL | |
|------------------------------|--------------------|---------------|
| | Alternative 2 | Alternative 3 |
| 4,620,301 | 5,763,350 | 4,733,501 |
| <i>Percentage</i> | 80.2% | 97.6% |
| Average Com Landings (Sim 2) | 2023/2024+ Com ACL | |
| | Alternative 2 | Alternative 3 |
| 4,112,800 | 4,226,650 | 5,256,499 |
| <i>Percentage</i> | 97.3% | 78.2% |
| Average Com Landings | 2023/2024+ Com ACL | |
| | Alternative 2 | Alternative 3 |
| 2,843,478 | 4,226,650 | 5,256,499 |
| <i>Percentage</i> | 67.3% | 54.1% |

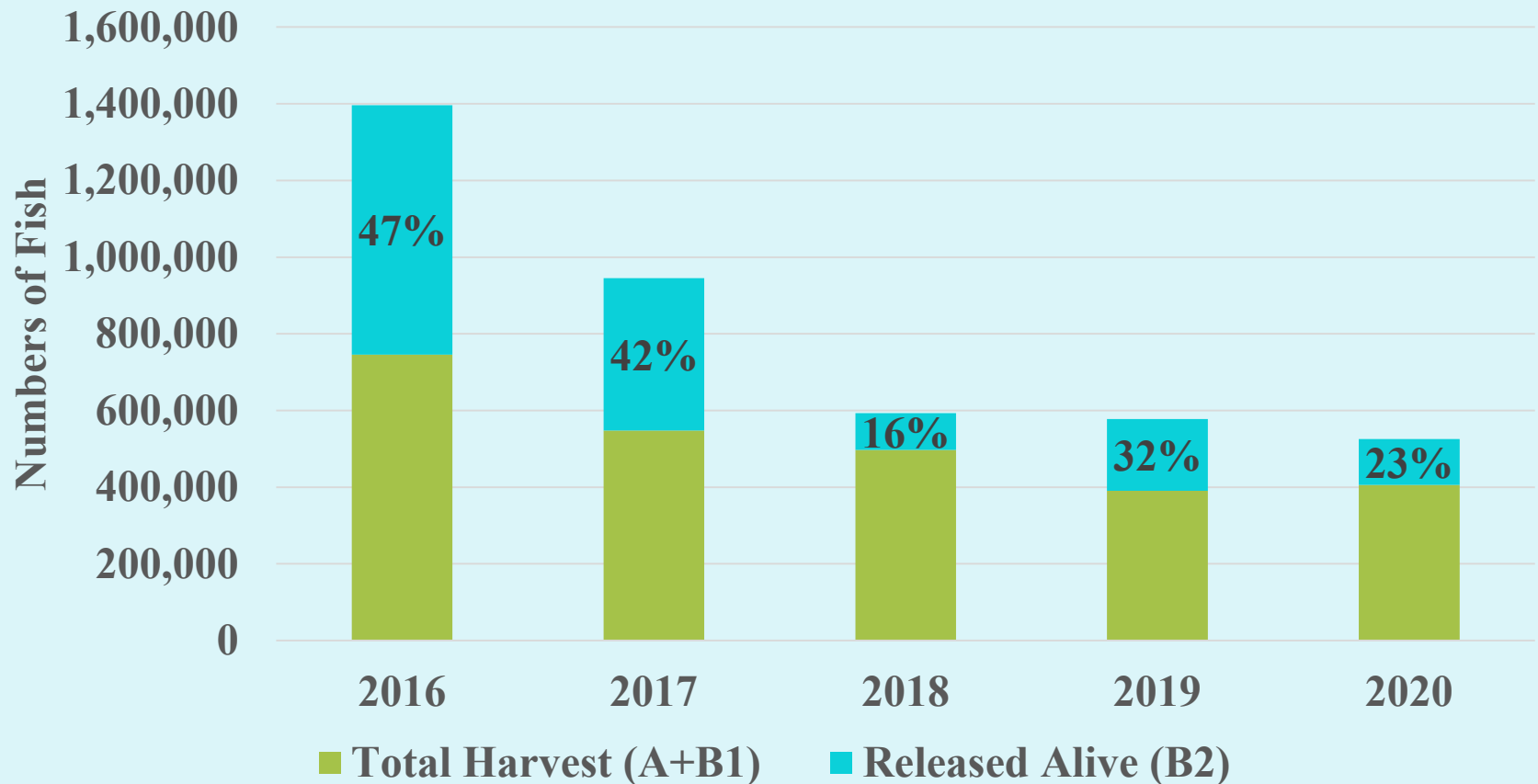
Gulf king mackerel bag limit distribution from 2015/2016 through 2019/2020 fishing years



Source: Marine Recreational Information Program, Southeast Region Headboat Survey, Texas Parks and Wildlife recreational survey, and Louisiana Department of Wildlife and Fisheries creel survey.

Other Requests

Additional Info: Recreational Catch versus Releases (FES)



Tentative Next Steps

- Selection of a preferred alternative?
- Approval for public hearings?
 - Public hearings in Jan/Feb 2023
 - In-person
 - Virtual
 - Promote the opportunity to comment via Fish Rules app
- Tentatively, bring CMP 33 to South Atlantic Council at its Dec '22 meeting for selection of preferred alternative & approval for public hearings
- If PHs are held, bring CMP 33 to Gulf Council at its April '23 meeting and to South Atlantic Council at its June '23 meeting

Questions?

