# Analysis of Management Options for the Area 2C and 3A Charter Halibut Fisheries for 2023 

A Report to the North Pacific Fishery Management Council<br>Brianna Bowman King, Sarah Webster, and Ben Jevons<br>Alaska Department of Fish and Game

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### 1.0 Introduction

The International Pacific Halibut Commission (IPHC) approves catch limits for Pacific halibut each year for Regulatory Areas in Alaska. In IPHC Regulatory Areas 2C and 3A, which roughly correspond with Southeast and Southcentral Alaska, these catch limits are allocated between the commercial longline fishery and the sport charter fishery. The allocations are specified in the North Pacific Fishery Management Council's Halibut Catch Sharing Plan (CSP) for Areas 2C and 3A ${ }^{1}$. The allocations vary with the magnitude of the overall catch limit, such that the percentage allocated to the charter sector increases slightly as catch limits decrease. The CSP also specifies that "wastage" or release (discard) mortality will count toward each sector's allocation. The CSP further specifies that, effective in 2014, charter harvest accounting will be based on numbers of halibut reported harvested in Alaska Department of Fish and Game (ADF\&G) saltwater guide logbooks.
The charter fishery in Areas 2C and 3A is managed under regulations reviewed and recommended each year by the North Pacific Fishery Management Council (Council) and approved and published by the IPHC as annual management measures. As the first step in this process, the Council's Charter Halibut Management Committee met October 21, 2022, to develop alternative management measures for analysis by the ADF\&G for the 2023 season. ADF\&G staff provided preliminary estimates of charter harvest and release mortality for the 2022 season to committee members prior to the meeting. In Area 2C, electronic reporting of trips using eLogbook became mandatory in 2021; therefore, logbook data for all trips that were submitted prior to October 12, 2022, were used for preliminary estimates. In recent years, no harvest was reported in Area 2C after October $15^{\text {th }}$. In Area 3A, where use of paper logbooks is still widespread, the preliminary estimates were based on logbook data for trips through August 31, 2022. Estimates will be finalized by fall of 2023 once all logbook data are entered and edited. One notable change in the preliminary estimates for both Regulatory Areas is that the length-weight relationships were updated and now use the IPHC's Area specific estimates (Webster and Stewart 2022).

In Area 2C, the 2022 preliminary reported harvest for the charter fishery was 82,888 halibut with an estimated average net weight of 9.74 lb (King et al. 2022). The Area 2C preliminary estimate of charter removals was 0.843 million pounds (Mlb), including an estimated 0.037 Mlb of release mortality. The preliminary estimate of charter removals was $3 \%$ over the 0.820 Mlb allocation. Charter regulations in 2C included a one-fish bag limit and a reverse slot limit allowing for harvest of fish less than or equal to 40 inches or greater than or equal to 80 inches (U40O80).

In Area 3A, an estimated 167,090 halibut were harvested with an average weight of 10.53 lb (King et al. 2022). The preliminary estimate of charter removals for Area 3A was 1.77 Mlb , including 0.013 Mlb of release mortality. The preliminary estimate was $16 \%$ under the allocation of 2.11 Mlb . Charter regulations in 3A included a two-fish bag limit of which one fish could be any size and the second must be less than or equal to 28 inches, no harvest of halibut on Wednesdays, no harvest of halibut on two Tuesdays, a limit of one trip per vessel per day, and a limit of one trip per Charter Halibut Permit (CHP) per day.

[^0]The Charter Committee considered the performance of last year's measures, and in light of recent trends in effort, numbers of halibut harvested by charter anglers, average weight of halibut, halibut abundance, and economic considerations, identified the following measures for analysis for 2023:

Area 2C (all options include a one-fish bag limit):

1) Reverse slot limit with U35-U50 on the low end and O50-O80 on the high end.
2) Reverse slot limit with U35-U50 on the low end and O80 on the high end, analyzed with a day of the week closure starting from the end of the season (after September 15) working to the beginning of the season (before May 15) for each day of the week.
3) Reverse slot limit with U35-U50 on the low end and O80 on the high end, analyzed with two day of the week closures (for each combination of days with at least two days between closures) starting from the end of the season (after September 15) working to the beginning of the season (before May 15).
4) Annual limits of 2-3 fish, in combination with each of the above options.

Area 3A (all options include, unless otherwise noted, a two-fish bag limit with a maximum size limit on one fish and one fish of any size, one trip per vessel and one trip per CHP per day, and a Wednesday closure all year):

1) Maximum size limit of 26-32 inches on one fish combined with one or more Tuesday closures from June 01 - August 31 or for the entire season.
2) Maximum size limit of $26-32$ inches on one fish combined with Status quo with all Tuesdays closed and additional days closed on Mondays or Thursdays from June 01 - August 31 or for the entire all season.
3) Maximum size limit of $26-32$ inches on one fish combined with annual limits of $2-4$ fish, with Wednesdays closed all Tuesdays open.
4) Maximum size limit of 26-32 inches on one fish combined with annual limits of $2-4$ fish and one or more Tuesday closures from June 01 - August 31 or for the entire, with Wednesdays closed all season.
5) 28 -inch size limit on one fish with all days of the week open and a season closure prior to May 16 or June 1 and after July 31.
6) Maximum size limit of 26 - 32 inches on one fish combined with one or more Wednesday closures from June 01 - August 31 or for the entire season with all other days open.

This analysis provides information to stakeholders and the Council to assist them in selecting management measures likely to keep total charter removals within their allocations. The allocations will be derived from catch limits determined by the IPHC at their Annual Meeting in January 20233. The charter allocations will not be known when the Council is expected to make its recommendations in December 20222. However, the Council may base recommendations on the charter allocation associated with maintaining the IPHC's reference fishing intensity ( $\mathrm{F}_{43 \%}$ ) or based on other scenarios for coastwide TCEYs and distributed mortality limits, such as the 20212 allocations. Previously, a distribution procedure was part of the interim management procedure and used to guide decisions on management measures; however, the agreement for the procedure has since expired and an updated distribution has not been established. It is recommended that the Council include contingencies to accommodate adoption of a range of catch limits.
The IPHC's 2022 stock assessment results were made available to the public on November $23^{\text {rd }}$. Because the interim management procedure has expired, and there are no Regulatory Area TCEYs to use as a reference point for the analyses for the 2C and 3A charter management measures this year. There are several reference points that the Council may wish to consider in making recommendations for 2023. The Coastwide TCEY in 2022 was 41.2 Mlb ; the 2022 Stock Assessment indicated that a 3-year surplus TCEY for 2023 is estimated to be 43 Mlb and a TCEY at the reference fishing intensity ( $\mathrm{F}_{43 \%}$ ) is
estimated to be 52 Mlb . The driving factor causing the increase in the $\mathrm{F}_{43 \%}$ reference TCEY from 2022 is an update to the natural mortality estimate and productivity of the stock in one of the four ensemble models used in the IPHC's Stock Assessment. In addition to the Coastwide TCEY the Council may wish to consider changes in the stock distribution as estimated by the IPHC's Fishery Independent Setline Survey. In 2021, survey results estimated that $11.9 \%$ of the O32 biomass (halibut $\geq 32$-inches) was in Regulatory Area 2C, while in 2022 that increased to $14.3 \%$. In 2021, survey results estimated that $34.2 \%$ of the O32 biomass was in Regulatory Area 3A, while in 2022 that decreased to $26.3 \%$. In recent years, distribution procedures have taken into account the distribution of O32 biomass among Regulatory Areas, in addition to other factors such as relative harvest rates, socio-economic considerations, and international agreements when determining Regulatory Area TCEYs.

We have used the 2022 allocations as reference points for the 2023 charter management measures; results presented here are within the context of allocations set for 2022:

| IPHC Area | 2022 <br> Allocation <br> $(\mathrm{Mlb})$ |
| :---: | :---: |
| 2C | 0.82 |
| 3A | 2.11 |

This analysis projects total charter fishery removals under the current (status quo) charter fishery regulations in each Regulatory Area. As shown below, under current regulations the projected charter removal in 2023 for Area 2C is 0.867 Mlb . The projected removal for Area 3A is 2.023 Mlb .

|  | Projected Status <br> Quo Charter <br> Removals (Mlb) | Status Quo TCEY <br> Difference (Mlb) <br> Area |
| :---: | :---: | :---: |
| (2022 Allocation |  |  |
| -2023 Projection) |  |  |

For consistency with analyses reported in recent years, the analyses included in this report generally follow previously reported methods (Webster and Powers 2018, 2019, and 2020, and Webster, Jevons, and Powers 2021). The analyses cover a range of alternatives as proposed by the Charter Halibut Management Committee to allow stakeholders, the Council, and the IPHC to select the desired management measures to meet the charter allocation for each Area. Where applicable, results reference candidate measures that result in projected charter removals within the 2022 allocation.

### 2.0 General Methods

### 2.1 Definitions and Basic Calculations

Throughout this analysis, the term "harvest" means the number of halibut killed and landed in the charter fishery. "Yield" is the harvest expressed in units of weight. "Release mortality" refers to halibut that die as a result of stress or injury from being caught and then released and is expressed in units of weight. Finally, "removals" refers to all halibut killed in the sport fishery, including harvest and release mortality, and is measured in units of weight. Weight is based on length data from harvested halibut sampled at ports and the length-weight relationship developed by IPHC (Table 2C. 1 and Table 3A.1, Webster and

Stewart 2022). Removals are generally projected from harvest, average weight, and release mortality as follows:

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Harvest(no.fish) \(=\) Effort (angler days) \(\times\) HPUE (harvest per angler day),
Yield \((l b)=\) Harvest \(\times\) AverageNetWeight \((l b)\), and
Removals \((l b)=\) Yield \((l b) \times r(l b)\)
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where $r$ is the release mortality expansion factor. In IPHC Area 2C the release mortality expansion factor is a function of the lower limit of the reverse slot limit and for 2023 is calculated as:

$$
r(l b)=-0.0029 *(\text { Lower Limit of Reverse Slot Limit })+1.1805
$$

and in IPHC Area 3A the release mortality is calculated using past data as:

$$
r(l b)=1+[\text { ReleaseMortality }(l b) / \text { Yield }(l b)]
$$

which for 2022 is 1.008 , unless otherwise noted.

### 2.2 Calculations by Subarea

All calculations for Area 2C and Area 3A were done by Subarea and then summed to obtain yield estimates for each Regulatory Area. Analyses were done at the Subarea level because many of the variables analyzed (harvest, effort, average weight, etc.) vary substantially by Subarea.

There are six Subareas in Area 2C and eight Subareas in Area 3A (Table 2C. 2 and Table 3A.2, Figure 1). With few exceptions, the Subareas correspond to ADF\&G sport fishery management areas as well as the reporting areas used for the ADF\&G Statewide Harvest Survey (SWHS, mail survey of sport fishing). The Juneau and Haines/Skagway Areas were combined because the Haines/Skagway Area is not sampled for average weight and harvests are quite small. SWHS Area J is split into three Subareas: Eastern Prince William Sound (EPWS), Western Prince William Sound (WPWS), and the North Gulf Coast (NG). Likewise, Cook Inlet (SWHS Area P) is split into Central Cook Inlet (CCI) and Lower Cook Inlet (LCI) Subareas. These SWHS areas were split into Subareas such that the landings in each Subarea could be matched to estimates of average weight from port sampling. ADF\&G obtained length measurements from harvested halibut and interviewed anglers and charter captains in at least one port in each Subarea. In addition, SWHS Area G (Glacier Bay) is divided into the 2C and 3A portions using statistical areas reported during biological sampling and in saltwater guide logbooks.

### 2.3 Harvest Forecasts

Time series methods are used to forecast effort in Area 2C and harvest per unit effort (HPUE) in both Areas. Effort is measured in angler days; any days when bottomfish hours or bottomfish statistical areas were recorded in the logbook or halibut were harvested are considered days with halibut effort, permitting that day was open to harvest of halibut. Forecasts are inherently uncertain because they rely only on past data, which are not necessarily indicative of future trends. Time series forecasts can't be used in all instances because they assume that the same underlying processes are in place as those that generated the historical data. Therefore, recent regulation changes or social/economic conditions may bias a forecast or render it unsuitable for other regulatory scenarios. Time series methods used in this report include simple and double exponential smoothing models using SAS/ETS ${ }^{\text {TM }}{ }^{2}$ software. Simple exponential models have a single parameter representing the level of the estimate and typically fit best to data without a clear trend. Double exponential models have a parameter for level and a parameter for trend, and typically fit best to data with a trend. Both models contain a smoothing weight, the value of which determines how much weight is given to more recent observations. The smoothing weights are optimized to minimize one-step-

[^1]ahead prediction errors over the entire time series. Generally, the stronger the trend and lower the variability, the higher the smoothing weight and the more emphasis is placed on recent observations. Generally, both simple and double exponential models were run for each time series and the forecasts with the smallest AICc value (Akaike Information Criterion, corrected for small sample size) were selected.

For Area 2C, the 2023 harvest forecasts were calculated for each Subarea as the product of the effort and HPUE forecasts. Simple exponential and double exponential forecasts were generated for 2023 effort using logbook data for 2009-2022 for Subareas B, C, D, and G2C; 2020 was omitted from all Areas due to the impacts of COVID-19 on recreational fishing effort that year. Simple exponential models were used for all areas except for B and D for forecast effort.

In 3A, there were substantial and incremental changes in regulations over recent years that specifically target fishing effort including vessel trip limits, CHP trip limits, closing days to fishing, and annual limits. Therefore, 2022 estimate of effort in 3A was assumed as the status quo effort for 2023. In addition, implementation of the first size limits in Area 3A in 2014 resulted in a marked decline in the proportion of the charter halibut harvest made up of second fish in the bag limit (Figure 4). The largest decreases were in Subareas with the highest average weights (Glacier Bay and Yakutat). In other words, at ports with large halibut available, fewer anglers harvested a second fish, preferring instead to focus on harvesting one large fish. The decrease in retention of a second fish by anglers caused HPUE to decline as well (Figure 4). However, the areawide proportion of second fish retained continued to decline every year through 2019 even though changes in size limits and annual limits were quite minor. In 2020, the proportion of second fish in the harvest increased in all 3A ports and remained high in 2021 Areawide, HPUE was likely impacted by the regulations implemented in response to the COVID-19 pandemic in both 2020 and 2021, therefore, forecasts were generated for HPUE using logbook data for 2009-2019 and 2022 for all Subareas in Area 3A (Table 3A.3, Figure 3).

### 2.4 Accounting for Release Mortality of Halibut

Under the CSP, the charter halibut allocation includes total removals by the charter sector, including directed harvest and estimated release mortality. In 2018, the IPHC requested that all sizes of discards be included in the directed commercial fishery allocations (prior to 2018 only fish greater than or equal to 26 inches were included). While the CSP is vague with regards to sizes of discards, release mortality of all sizes of halibut were included in projected removals for consistency with the commercial sector and the intent of the IPHC. All sizes of release mortality have been estimated for 2013-2022 for inclusion in the IPHC's annual stock assessment as part of sport fishery removals. Estimation methods are documented in Webster and Buzzee (2020) and in ADF\&G's annual reports to the IPHC ${ }^{3}$.
The numbers and average weight of released fish are expected to vary with the regulations (e.g. types of size limits, bag limits, annual limits). For example, anglers would be expected to release more fish under a one-fish bag limit than a two-fish bag limit as they search for the largest fish possible to retain. The average weight of released fish would be expected to be higher under maximum size limits or reverse slot limits than under a minimum size limit, because more of the released fish would be large. On the other hand, the number of fish released is likely to be higher under a minimum than maximum size limit because smaller fish are relatively more abundant and more likely to be caught. Under reverse slot limits, the amount of release mortality would be expected to vary with the sizes and range of the protected slot. A wide protected slot would likely result in more released fish than a narrow slot, and a higher protected slot would result in a higher average weight of released fish. Under annual limits, both the number of fish and average weight of released fish would likely increase as annual limits are made more restrictive. Seasonal or daily closures will also increase total number of released fish.

[^2]In Area 2C, under reverse slot limits, the ratio of release mortality to charter yield (in pounds) is correlated to the lower bound of the reverse slot limit. Due to the correlation between the lower bound of the slot limit and release mortality, a linear regression model is used for projections. Under status quo regulations, the predicted 2023 ratio of release mortality to harvested halibut is 0.065 .

In Area 3A, the ratio of release mortality to charter yield has generally decreased over time, mostly due to a decrease in the number of released fish rather than to changes in the average weight of released fish. The ratio was 0.018 in 2013, and then decreased steadily from 0.022 in 2014 to 0.007 in 2022. For 2023 projections, the 5 -year average of 0.008 was applied to yield to account for release mortality under the status quo management measures.

### 3.0 Area 2C Management Measures

### 3.1 Status Quo Forecast of the Number of Fish Harvested

Status quo measures for Area 2C include a one-fish bag limit and U40O80 reverse slot size limit. Models of 2023 effort predicted similar effort to 2022 in three of six Subareas (Figure 2). HPUE is predicted to decrease slightly in all ports and be similar to pre-pandemic conditions (Table 3A.15). The 2023 status quo effort forecast for Area 2C is 114,044 angler-days, the weighted average HPUE forecast is 0.71 halibut per angler-day, and the harvest forecast is 80,402 halibut, with a $95 \%$ margin of error ( $\pm 2$ standard errors) of $\pm 3,630$ fish (Table 2C.4). This is a decrease from the preliminary harvest for 2022 of 82,686 halibut.

### 3.2 Reverse Slot Limit

### 3.2.1 Approach

Reverse slot size limits have been used to manage the Area 2C charter fishery since 2012. The goal of the reverse slot limit is to control the average weight of the harvest by requiring retained fish to be either below a lower size limit or above an upper size limit. The reverse slot size limit functions mostly as a maximum size limit, while still preserving the opportunity for anglers to retain exceptionally large fish. The charter industry and the Council have recommended reverse slot size limits because they effectively control average weight without severely impacting angler demand under a one-fish bag limit, thus preserving charter revenues in the face of restrictions.
Average weight under reverse slot limits was predicted using the same methods used for 2014-2022. Briefly, this procedure fixes the proportion of harvest above the upper size limit equal to the proportion in 2010, the last year without a size limit. The proportion of harvest below the lower size limit is assigned the remainder. Average weight is then estimated as a weighted mean of the average weight of fish above and below the upper and lower limits in 2010, where the weighting factors are the respective proportions of harvest above and below those limits. All estimates of average weight were adjusted to account for the updated length-weight relationship an all 2 C analyses.
Average weights estimated from the fishery in 2019-2022 were compared to the 2010 predicted average weights for the size limits that were in place at the time. The average weights estimated from the fishery included any illegally harvested fish in the protected size slot between the lower and upper size limits (illegal-size fish made up an estimated $0.6 \%$ to $1.6 \%$ of the Area 2C harvest each year). Errors in predicted average weights ranged from $-9.2 \%$ to $+62.8 \%$ for individual Subareas. Predicted average weight errors were highly variable among years and among Subareas. Correction factors were developed for the predicted average weights for each Subarea. The correction factors were based on the average ratio of the predicted and observed average weights from all years and ranged from 0.66 to 1.00 among Subareas.
Total charter removals were projected for 2023 under a range of reverse slot limits with lower limits ranging from 35 to 50 inches and upper limits ranging from 50 to 80 inches. Projections of charter
removals include the correction factors for bias in estimation of average weight as well as an inflation factor for predicted release mortality based on the lower slot limit.

### 3.2.2 Results

The projected charter removal under the status quo size limit of U40O80is 0.867 Mlb (Table 2C.5). Projections ranged from 0.713 to 1.685 Mlb . Several options for reverse slot limits were below the 2022 allocation of 0.82 Mlb with lower slot limits of $35-38$ inches and upper limits of 70 to 80 inches. The most liberal combinations of reverse slot limits that were below the 2022 allocation are shaded in Table 2C.5.

### 3.3 Reverse Slot Limit with Various Annual Limits

### 3.3.1 Approach

The effects of various annual limits (two to three fish) on harvest in 2C were estimated using charter logbook data that summarized the distribution of annual harvests by individual licensed anglers using 2022 as the base year. Calculations of annual harvests could not be done for youth anglers (under 16 years old for nonresidents and under 18 years old for residents) because they are not required to be licensed, and therefore harvest cannot be assigned to individuals. Youth accounted for $3.8 \%-4.7 \%$ (average 4.3\%) of charter effort in Area 2C during the years 2011-2022 with the lowest proportion in 2008 and 2020. Because the proportion of youth effort was steady and relatively low, we assume that leaving youth anglers out of the calculations did not significantly bias estimates of the effects of implementing annual limits.

For each Subarea, harvests under each proposed annual limit were estimated by truncating the annual harvest of each angler during the base year at the annual limit. For example, if 500 anglers harvested five fish each in the base year ( 2,500 fish total), then under an annual limit of four fish, that group of 500 anglers would only harvest 2,000 fish. The number of anglers that would be affected by each annual limit was calculated as the number of anglers that harvested more than the annual limit in the base year. In the example above, all 500 anglers harvested more than four fish and would be affected by a four-fish annual limit, but anglers that harvested four or fewer fish would be unaffected. Using this approach, the annual harvest by licensed anglers was calculated over a range of annual limits and the percentage reduction in harvest was calculated by comparison to their total harvest without an annual limit. All calculations were done by Subarea and summed to obtain the harvests under each annual limit in Areas 2C.

Doing the calculations by Subarea slightly underestimates the harvest reductions associated with annual limits because some anglers fish in multiple Subareas within a year. For example, if an individual angler caught four fish in each of two Subareas in the base year, the analysis by Subarea would indicate that a four-fish annual limit would have no effect on that angler's annual harvest in either Subarea. However, the limit would reduce that angler's annual harvest by 50 percent. The degree of underestimation depends on how many anglers fished multiple Subareas in a year. The magnitude of this error was evaluated by comparing the percentage harvest reductions estimated from Subarea and areawide data. For Area 2C, the estimated reductions in harvest based on Subarea data were underestimated by $0.3 \%$ for annual limits from two or three fish; therefore, the underestimation caused by anglers fishing multiple Subareas was negligible and may provide a slightly conservative estimate.
Total charter removals were projected for a range of two and three fish annual limits under a range of reverse slot limits with lower limits ranging from 35 to 50 inches and upper limits ranging from 50 to 80 inches. Tables of projected total removals were generated for 2023 harvest forecasts with annual limits. A single level of harvest is associated with each sub-table because it was assumed that the size limits by themselves have no effect on the number of fish harvested. Projections of charter removals include the correction factors for bias in estimation of average weight as well as an inflation factor for predicted release mortality based on the lower slot limit.

### 3.3.2 Results

The areawide estimated harvest reductions associated with annual limits were about $25.6 \%$ under an annual limit of two fish and $6.5 \%$ under an annual limit of three fish (Table 2C.5).

If a two-fish annual limit were implemented, a range of reverse slot limits with lower limits of 35 to 49 inches and upper limits of 58 to 80 inches are forecast to constrain the charter harvest to an allocation of 0.82 Mlb in 2023 (Table 2C.7a). Forecasts indicate that a range of reverse slot limits with lower limits of 35 to 40 inches and upper limits of 66 to 80 inches combined with a three-fish annual limit would constrain the charter harvest to 0.82 Mlb (Table 2C.7bbelow).

### 3.4 Reverse Slot Limit with Day of the Week Closures

### 3.4.1 Approach

Harvest was projected with day of the week closures in Area 2C with reverse slot limits ranging from a lower limit of 35 to 50 inches and with the upper limit fixed at 80 inches. The potential effect of closing days on each day of the week with starting dates from May $14^{\text {th }}$ through September $23^{\text {rd }}$ or for the entire year was estimated (Table 2C.8a-g). The analysis relied on complete logbook data for 2019. Generally, speaking, the analysis proceeded by estimating the proportional effect of each day closure in 2019 and applying those to the harvest forecast for 2023. 2019 data were used because it was the most recent year with complete data that was not affected by the COVID-19 pandemic.

The first step was to identify dates that would be closed in 2023 under each possible number of closed days for each day of the week. Once the specific closed dates for each scenario were identified, the corresponding dates for each day of the week was identified from the 2019 data set for analyses. The analysis assumed that the proportion of harvest occurring on each day in 2019 would be eliminated if those days were closed. In other words, the harvest that occurred on those days represented the maximum potential change in harvest if those days were closed. All analyses were done by Subarea to account for differences in the structure of the charter fleet among Subareas. The total annual harvest under each scenario of closed days was compared to the harvest scenario of no closed days (2019) to estimate the proportional change in harvest for 2023.

Options for closing one day for the entire year (Table 2C.9) and a range of dates on a second day of the week were also explored following the above methods (Table 2C.12a-g).

A day of the week closure would be unlikely to achieve the estimated maximum reductions in halibut harvest because of the potential for displaced clients to book on alternate dates. We do not have sufficient information to accurately estimate the effect of a day of the week closure; we can only say that it would reduce halibut harvest by no more than the presented maximum reductions, and that the reduction would likely be less.

### 3.4.2 Results

Implementation of a daily closure on a single day of the week could be used to bring the projected removals below an allocation of 0.82 Mlb (Table 2C.8a-g). In general, Monday closures are projected to result in slightly lower removals than other days of the week. Many options for variable numbers of closure days on each day of the week in concert with reverse slot limits with lower limits ranging from 38 to 44 inches are forecasted to keep removals below 0.82 Mlb . A wide range of options are available with closure dates on a second day, depending on which days of the week are selected and the season's size limits (Table 2C.12).

### 3.5 Reverse Slot Limit with Annual Limits Combined with Day of the Week Closures

### 3.5.1 Approach

Harvest was projected in Area 2C under reverse slot limits with lower limits of 35 to 50 inches and an upper limit of 80 inches with a combination of annual limits of two or three fish and closed days on each day of the week with starting dates from May $14^{\text {th }}$ through September $23^{\text {rd }}$ or for the entire year, and for one day closed for the entire year and additional closures on a second day. The same protocols were used for this analysis as the analyses for annual limits and day of the week closures, outlined above. Annual limits were applied to harvest estimates prior to day of the week closure reductions because they have a more definitive effect on overall harvest.

These estimates should be considered maximum reductions in harvest relative to annual limits because we do not know how many anglers might rebook on alternate days of the week and still harvest their annual limit.

### 3.5.2 Results

Implementation of an annual limit combined with a daily closure could be used to bring the projected removals below the 2022 allocation under numerous combinations of reverse slots, closed days, and annual limits. The actual reductions achieved from these management measures will be somewhere between reductions from a reverse slot limit with annual limits alone and the maximum reductions presented in Tables $10 \mathrm{a}-\mathrm{g}, 11 \mathrm{a}-\mathrm{g}, 12 \mathrm{a}-\mathrm{g}, 13 \mathrm{a}-\mathrm{g}$, and $14 \mathrm{a}-\mathrm{g}$. For a three fish and two fish annual limit, fewer days would need to be closed to stay within allocations if annual limits were implemented. With three-fish annual limits and one closed day, lower limits of 40 to 46 inches are possible under a 0.82 Mlb allocation, and with two closed days it ranged from 45 to 50 . With two-fish annual limits and two closed days, all combinations of lower limits and closed days came under the 2022 allocation, and with one closed day the lower limits ranged from 49-50 inches.

### 4.0 Area 3A Management Measures

### 4.1 Status Quo Forecast of the Number of Fish Harvested

The status quo measures for Area 3A included a two-fish bag limit with a maximum size limit of 28 inches on one fish, no retention of halibut on Wednesdays, no retention of halibut on two Tuesdays, and limits of one trip per vessel and one trip per CHP per day. HPUE decreased in all Subareas from 2013 2019 which was likely a result of the number of anglers retaining two fish due to size limits on the second fish and to a lesser extent the imposition of annual limits, then increased in all Subareas in 2020 and 2021 likely due to the change of size limits that allowed for harvest of a larger second fish and removal of the annual limit. The larger size limits in 2020 and removal of the annual limits were implemented because of the COVID-19 pandemic and therefore data from those years were not included in the HPUE forecasts. The status quo effort forecast for Area 3A for 2023 is 115,079 angler-days, with a weighted average HPUE of 1.46 halibut per angler-day, and the harvest forecast is 169,046 halibut with a $95 \%$ margin of error ( $\pm 2$ standard errors) of 5,368 fish (Table 3A.3). This is a slight increase from the preliminary harvest estimate for 2022 of 164,382 halibut.

### 4.2 Forecast of the Average Weight in each Subarea

### 4.2.1 Approach

Average weight was calculated as a weighted mean of the fish of any size and the fish subject to a maximum size limit. Calculations were done for each Subarea, then aggregated to Area 3A. All data associated with average weight was updated to use the current estimated length-weight relationship for 3A. The average weight for the fish of any size was assumed to be the overall average weight in 2013, the last year without a size limit in Area 3A. The average weight for size-restricted fish was calculated as the average weight of fish less than or equal to the specified size limit in 2013 ( 28 inches under status quo, size limits from 26 to 32 inches were all evaluated). These average weights were then weighted by the 2023 projected proportions of harvest made up of "first" and "second" fish in an angler's bag limit. These terms do not refer to the order in which the fish were caught, but rather to whether the fish came from
limits of one or two fish. For example, if an angler kept only one halibut on a trip, the fish was designated a "first" fish. If an angler kept two halibut, one was designated "first" and the other "second." The proportions of "second" fish in the harvest were forecasted for 2023 from 2010-2019 and 2022 logbook data using the exponentially-weighted time series models described in Section 2.3. Data from 2020 and 2021 were excluded to mimic the methods used to forecast HPUE and because the substantial increase seen in second fish in 2020 and 2021 was likely a result of regulations reflective of pandemic conditions. These forecasted proportions ranged from $43-44 \%$ in Cook Inlet down to $4-11 \%$ in the Glacier Bay and Yakutat Subareas, with a weighted average of $37 \%$ for Area 3A overall (Figure 4).

The average weights predicted using this method for each size limit differed from average weights observed under those size limits in past years. Factors contributing to those differences include changes since 2013 in the size distribution of the population, changes in the sizes of fish anglers are willing to keep given annual limits, and changes in the proportions of first and second fish in the harvest. Therefore, the predicted average weights were corrected, or adjusted to match current average weights. Bias corrections were based on the difference between predicted and estimated (observed) average weights for 2019-2022. Predicted average weights for past years tended to be underestimated for most Subareas, ranging from $40.5 \%$ below to $21.8 \%$ above observed values across all Subareas and years. Correction factors, based on the average ratio of the predicted and observed average weights, ranged from .90 to 1.31 among Subareas.

### 4.2.2 Results

The status quo forecast of average weight in 3 A is 11.87 lbs . Status quo is based on a two fish bag limit with one fish of any size and a maximum size limit of 28 inches on one fish. This is above the 2022 preliminary average weight estimate of 11.07 lbs . Estimated removals, including yield and release mortality, under status quo regulations is 2.023 Mlb and is below the 2022 allocation of 2.11 Mlb .

### 4.3 Maximum Size Limit on One Fish Combined with Tuesday closures

### 4.3.1 Approach

Charter removals were projected under maximum size limits ranging from 26 to 32 inches on the second fish and Tuesday closures from May through August or for the entire season were explored for flexibility in recommending management measures. Projected removals include a $0.8 \%$ inflation factor to account for release mortality and a correction for the average weight as described above. These projections incorporate all other status quo measures.

The analysis for Tuesday closures relied on complete logbook data for 2021, the last year in which the fishery was open on all Tuesdays and closed on Wednesdays. The analysis proceeded by estimating the proportional effect of closing Tuesdays in 2021 and applying those proportional effects to the harvest forecast for 2023. The first step was to identify the dates of specific Tuesdays that would be closed in 2023 under each possible number of closed days. A range of 13 Tuesdays closures during the period May 30-August 22, 2023, and all Tuesdays from February - December, 2023 were evaluated (Table 3A.5). Once the specific closed Tuesdays were identified, the corresponding Tuesday to each of those dates was identified from 2021. The analysis assumed the proportions of harvest occurring on each Tuesday in 2021 would be eliminated if those days were closed, respectively. Closing all Tuesdays beyond the May 30 August 22 period would only reduce harvest another $2.5 \%$ (Table 3A.4), reflecting the relatively low levels of harvest in the shoulder seasons.

In past years, this analysis relied on maintaining the proportion of harvest before and after July $31^{\text {st }}$ due to the availability of preliminary logbook data. With mandatory eLogbooks in Southeast Alaska, reliable preliminary logbook data are now available through August $31^{\text {st }}$ in Southcentral due to the associated reduction in data entry demands, so maintaining the proportion of harvest before and after July $31^{\text {st }}$ is no longer essential to analyses. Nevertheless, 3A analyses proceeded by selecting closed days in the same
manner as past years' analyses. The benefit to this practice is that closing days during the peak of the season results in greater reductions to effort and harvest with fewer days closed.

As outlined in the 2C analysis of daily closures, the harvest reductions (relative to all Tuesdays open) under each scenario represent the maximum expected reduction in the number of fish harvested. A day of the week closure would be unlikely to achieve the maximum reduction in halibut harvest because of the potential for displaced anglers to book on alternate dates. We do not have sufficient information to accurately estimate the effect of a day of the week closure; we can only say it would reduce halibut harvest by no more than the presented maximum reductions, and that the reduction would likely be less.

Average weight under each size limit from 26 to 32 inches was calculated as a weighted mean of the fish of any size and the fish subject to a maximum size limit as outlined in section 4.2.1.

### 4.3.2 Results

Removal estimates for combinations of closed Tuesdays and size limits on one fish ranged from 1.685 Mlb for a 26-inch fish with all Tuesdays closed to 2.219 Mlb for a 32-inch fish with no Tuesdays closed (Table 3A.5). Combinations of size limits and closed days that were below the 2022 allocation of 2.11 Mlb ranged from 28 to 32 inches and zero to five closed Tuesdays.

### 4.4 Maximum Size Limit on One Fish Combined with Tuesdays closed and Additional Days Closed

### 4.4.1 Approach

Status quo regulations in Area 3A included a year-round closure of the charter fishery on Wednesdays and two Tuesdays. Charter removals were projected with all Tuesdays closed under maximum size limits ranging from 26 to 32 inches and Monday or Thursday closures ranging from zero to thirteen days or for the entire season. Projected removals include a $0.8 \%$ inflation factor to account for release mortality. These projections incorporate all other status quo measures.

The analysis estimated the proportional reduction in halibut harvest with each additional daily closure in 2021 and applied those proportional reductions to the harvest forecast for 2023 . 2021 was used as the base year because it was the most recent year with available data with the same or fewer days closed as status quo. Specific dates for closure days in 2023 can be found in Table 3A.6.

Identification of closed Mondays and Thursdays and estimation of the proportional effects followed the same procedures outlined above for closed Tuesdays. Methods for changes in the maximum size limit followed the procedures outlined in section 4.2.1.

### 4.4.2 Results

The potential reductions in harvest relative to status quo ranged from $13.5 \%$ for all Tuesdays and no closed Monday or Thursday to $30.0 \%$ to $29.8 \%$ for all closed Tuesdays and all closed Mondays or Thursdays, respectively (Table 3A.6a-b). Proportional reductions and projected removals varied slightly and were generally similar between Monday and Thursday closures. For the entire year, Mondays had slightly more savings than Thursdays. Removal estimates with Tuesdays closed and combinations of closed Mondays and size limits on one fish ranged from 1.364 Mlb to 1.838 Mlb (Table 3A.7). Removal estimates with Tuesdays closed and combinations of closed Thursdays and size limits on one fish ranged from 1.368 Mlb to 1.845 Mlb (Table 3A.8). All combinations of size limits and closed days were below the 2022 allocation of 2.11 Mlb .

### 4.5 Maximum Size Limit on One Fish Combined with Annual Limits

### 4.5.1 Approach

Combinations of other size limits and annual limits were explored to provide the Council flexibility in recommending management measures. Charter removals were projected under maximum size limits ranging from 26 to 32 inches on the second fish and annual limits of two to four fish. Projected removals
include a $0.8 \%$ inflation factor to account for release mortality. These projections incorporate all other status quo measures, including the charter vessel trip limit, permit trip limit, and a Wednesday closure for the entire year; this analysis assumed all Tuesdays were open.

Average weight under each size limit was calculated as described in section 4.2.1.
The effects of various annual limits on harvest were estimated using preliminary charter logbook data that summarized the distribution of annual harvests by individual licensed anglers from 2022. Calculations of annual harvests could not be done for youth anglers because they are not required to be licensed, and therefore harvest cannot be assigned to individuals. Youth accounted for $5.9 \%$ of charter effort in Area 3A in 2022. Because the proportion of youth effort was relatively low, we assume that leaving youth anglers out of the calculations did not bias estimates of the effects of implementing annual limits.

For each Subarea, harvests under each proposed annual limit were estimated by truncating the annual harvest of each angler during 2022 at the given annual limit. For example, if 500 anglers harvested four fish each in 2022 ( 2,000 fish total), then under an annual limit of three fish, that group of 500 anglers would only harvest 1,500 fish. The number of anglers that would be affected by each annual limit was calculated as the number of anglers that harvested more than the given annual limit in 2022. In the example above, all 500 anglers harvested more than three fish and would be affected by a three-fish annual limit, but anglers that harvested three or fewer fish would be unaffected. Using this approach, the annual harvest by licensed anglers was calculated over a range of annual limits and the percentage reduction in harvest was calculated by comparison to their total harvest with no annual limit. All calculations were done by Subarea and summed to obtain the harvests under each annual limit in Area 3A.

Doing the calculations by Subarea slightly underestimates the harvest reductions associated with annual limits because some anglers fish in multiple Subareas within a year. For example, if an individual angler caught two fish in each of two Subareas in the base year, the analysis by Subarea would indicate that a three-fish annual limit would have no effect on that angler's annual harvest in either Subarea. In reality, the limit would cut that angler's annual harvest by 25 percent. The degree of underestimation depends on how many anglers fished multiple Subareas in a year. The magnitude of this error was evaluated by comparing the percentage harvest reductions estimated from Subarea and areawide data. The Subarea method underestimated the reductions in harvest by 3.3 to 0.6 percentage points for annual limits from two to four fish, respectively. The underestimation caused by anglers fishing multiple Subareas was considered negligible. Furthermore, because this underestimated the reduction of harvest, results are considered conservative estimates.

### 4.5.2 Results

The effects of annual limits varied by Subarea, with the largest effects in the Kodiak (Table 3A.9). Areawide, application of annual limits to the harvest would result in harvest reductions of $3.4 \%$ to $15.2 \%$ with four to two fish annual limits. With all other status quo measures in effect (and all Tuesdays open), implementing a four-fish annual limit is estimated to reduce the harvest from 173,458 to 167,646 halibut (Table 3A.9).

A 30 inch size limit on the second fish combined with a four-fish annual limit is forecast to constrain removals to below 2022's allocation of 2.11 Mlb; options for larger size limits and more restrictive annual limits are also available (Table 3A.10).

### 4.6 Maximum Size Limit on One Fish Combined with Annual Limits and Tuesday Closures

### 4.6.1 Approach

Combinations of other size limits, annual limits, and Tuesday closures were explored to provide the Council flexibility in recommending management measures. Charter removals were projected under maximum size limits ranging from 26 to 32 inches, one to thirteen Tuesday closures or a Tuesday closure
for the entire season and annual limits of two to four fish. Projected removals include a $0.8 \%$ inflation factor to account for release mortality. These projections incorporate other status quo measures, including the charter vessel trip limit, permit trip limit, a Wednesday closure for the entire year.
Average weight under each size limit was calculated as described in section 4.2.1. Effects of annual limits were calculated as described in section 4.5.1. These were applied prior to the effect of Tuesday closures as annual limits are expected to have a more definitive effect on harvest. Effects of Tuesday closures were then applied following the methods outlined in section 4.3.1.

### 4.6.2 Results

Combinations of 30-to-32-inch size limits with a four-fish annual limit and zero to two closed Tuesdays are forecast to constrain removals below the 2022 allocation of 2.11 Mlb ; more restrictive annual limits allow for larger size limits with fewer closed days (Table 3A.11a-c).

### 4.3 Maximum Size Limit on One Fish Combined with Wednesday openings

### 4.3.1 Approach

Charter removals were projected under maximum size limits ranging from 26 to 32 inches on the second fish and Wednesday openings from June through August or for the entire season were explored for flexibility in recommending management measures. Projected removals include a $0.8 \%$ inflation factor to account for release mortality and a correction for the average weight as described above. These projections incorporate all other status quo measures.

The analysis for Wednesday closures relied on complete logbook data for 2014, the last year in which the fishery was open on all days throughout the season. The analysis proceeded by estimating the proportional effect of Wednesdays in 2014 and applying those proportional effects to the harvest forecast for 2023. Methods for identifying closed days followed those outlined in above sections. The analysis assumed the proportions of harvest occurring on each Tuesday in 2014 would be added if those days were opened, respectively.

Average weight under each size limit from 26 to 32 inches was calculated as a weighted mean of the fish of any size and the fish subject to a maximum size limit as outlined in section 4.2.1.

### 4.3.2 Results

Removal estimates for combinations of opened Wednesdays and size limits on one fish ranged from 1.997 Mlb for a 26-inch fish with all Wednesdays closed to 2.657 Mlb for a 32 inch fish with all Wednesdays open (Table 3A.12). Combinations of size limits and closed days that were below the 2022 allocation of 2.11 Mlb ranged from 26 to 28 inches and 11 to All closed Wednesdays.

### 4.7 Status Quo with All Days of the Week Open and a Seasonal Closure Prior to May 16 or June 1 and After July 31

### 4.7.1 Approach

This analysis looked at changing the halibut season for the charter sector in Area 3A from the status quo (February 1 - December 31) to an opening date of either May 16 or June 1 and a closing date of July 31. This management measure would allow for harvest on all days of the week throughout the open season. These projections incorporate all other status quo measures.

Status quo regulations in Area 3A included a year-round closure to retention of halibut by the charter fishery on Wednesdays and two Tuesdays. The analysis for opening all days relied on complete logbook data for 2014, the last year in which the fishery did not have any daily closures. The analysis proceeded by estimating the proportional effect of closed days in 2014 and applying those proportional effects to the harvest forecast for 2023. Estimated harvest for the entire year with all days opened was 204,594 halibut; this was used as the base harvest to estimate seasonal closures.

The analysis then assumed that the proportions of harvest in 2021 occurring before and after the open season dates would be eliminated if those days were closed in 2023. 2021 was used as the base year because it is the most recent year with complete data.

Average weight under each size limit was calculated and corrected as described in section 4.2.1 and a $0.08 \%$ release mortality inflation factor was added to estimate removals.

### 4.9.2 Results

The projected removals associated with all days of the week open from May 16 - July 31 and all other status quo management measures were 1.596 Mlb . The projected removals for a season with all days of the week open from June 1 - July 31 were 1.463 Mlb (Table 3A.14). The projected removals are below the 2022 allocation.

### 5.0 Implementation Considerations

### 5.1 Size Limits

There are no anticipated problems associated with implementation of a reverse slot limit in Area 2C or maximum size limit on the second fish in Area 3A. Size limits have been used successfully in both Regulatory Areas for several years. Maximum size limits and reverse slot limits are implemented for the charter halibut fishery to control the average weight of harvested fish. This type of regulation increases the number of fish released thereby increasing removals associated with release mortality. Not only do these size limits generate additional regulatory (versus voluntary) release of halibut, they also increase the average weight of released fish. The relative impact of size limits, in terms of release mortality and angler satisfaction, is expected to vary by Subarea due to variation in the availability of large fish caught. For example, clients fishing in Subareas where large fish are commonly caught would likely end up releasing relatively more fish above the maximum size limit or in the protected slot, and those fish would likely be larger. Although release mortality is higher under size limits, it is included in the estimates of removals and is accounted for in the charter sector allocation.

### 5.2 Annual Limits

Annual limits were implemented in Area 3A in 2015 (5 fish) and 2016 - 2019 (4 fish). If annual limits are recommended for the charter fishery in either area, it is crucial for enforcement purposes to ensure that the regulation be accompanied by a recording requirement like that implemented in past years. Specifically, immediately upon retaining a halibut, charter anglers must record, in ink, the date, location (IPHC area), and species (halibut) on their harvest record. Enforcement of the annual limit consists of checking anglers with halibut to make sure the harvest is recorded. It is expected that Guided Angler Fish (GAF) taken under the CSP would be exempt from the recording requirement as these harvests accrue toward the IFQ fishery allocation.

Halibut harvest accounting by individual anglers would be implemented through ADF\&G charter logbooks as was done in past years. Logbooks require reporting the number of halibut kept and released by individual anglers, as well as the angler's name and fishing license/ID number. No number can be recorded for youth anglers as they are not required to be licensed. Under the CSP, all anglers (including youth) are required to certify in the logbook that the reported number of halibut kept and released is correct.

Another concern with annual limits is that compliance may be low among youth anglers. Youth anglers are not required to be licensed but are still required to complete a harvest record upon harvesting halibut. Although enforcement in the field would be no different for youth anglers, their annual harvests cannot be evaluated post-season using logbook data. However, youth anglers comprised only $4.0 \%$ of angler-days in Area 2C and $5.9 \%$ of angler-days in Area 3A in 2022, so harvest by youth anglers beyond the annual limit is unlikely to be substantial.

### 5.3 Daily Closures

As mentioned earlier, the primary issue with daily closures is that the effect cannot be accurately predicted or evaluated. Daily closures are expected to reduce effort, and therefore their effect is confounded with any factors that affect effort (e.g., trip limits, economic trends). This analysis could only estimate the maximum potential change in halibut harvest but cannot predict possible changes in angler behavior, such as anglers booking alternate days. Closure of days during the peak season (June through August) may be more effective than closure of a day or two here and there. With each additional day closed, there would be fewer days available to rebook and fewer charters available to take the displaced anglers. The effectiveness of day of the week closures in Area 2C is expected to be similar to those seen in Area 3A. However, differences in business models and angler behavior between the Areas may impact the effectiveness of this management measure.

Another impact of daily closures is the potential increase in the harvest of other species such as salmon, rockfishes, sablefish, and lingcod. Some charter businesses are able to book anglers to catch other species, particularly salmon. Increases in harvest may intensify conservation concerns for these stocks.

### 5.4 Seasonal Closures

The projections of charter removals under a shorter season are sensitive to the proportion of fish harvested during the proposed open and closed season in past years. Data from 2021 were used in this analysis, but the possibility that 2021 data are not representative of what may happen in 2023 should also be considered. If implemented, one consideration is that this measure could cause a shift in the distribution of effort and harvest into the open season. As with daily closures, the effect cannot be accurately predicted or evaluated. A shorter season is expected to reduce effort. This analysis could only estimate the maximum potential reduction in halibut harvest but cannot predict possible changes in angler behavior, such as anglers booking alternate days. With a shorter season, there would likely be less available space to rebook on alternate dates or with alternate businesses.

As with daily closures, another impact of a shorter season is the potential increase in the harvest of other species such as salmon, rockfishes, sablefish, Pacific cod, and lingcod. Some charter businesses are able to book anglers to catch other species, particularly salmon. Increases in harvest may intensify conservation concerns for these stocks.

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## Analysis of Management Options for the Area 2C Charter Halibut Fisheries for 2023

Table 2C.1. Estimated average net weight (headed and gutted) of Pacific halibut by length for Area 2C. Estimates are based on the current International Pacific Halibut Commission length-weight relationships ${ }^{4}$.

| Length (in) | Net Weight (lb) | Length (in) | Net Weight (lb) | Length (in) | Net Weight (lb) | Length (in) | Net Weight (lb) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22.5 | 3.4 | 40.0 | 21.2 | 57.5 | 67.7 | 75.0 | 158.2 |
| 23.0 | 3.6 | 40.5 | 22.1 | 58.0 | 69.6 | 75.5 | 161.6 |
| 23.5 | 3.9 | 41.0 | 23.0 | 58.5 | 71.5 | 76.0 | 165.0 |
| 24.0 | 4.1 | 41.5 | 23.9 | 59.0 | 73.5 | 76.5 | 168.5 |
| 24.5 | 4.4 | 42.0 | 24.8 | 59.5 | 75.5 | 77.0 | 172.1 |
| 25.0 | 4.7 | 42.5 | 25.8 | 60.0 | 77.5 | 77.5 | 175.7 |
| 25.5 | 5.0 | 43.0 | 26.7 | 60.5 | 79.6 | 78.0 | 179.3 |
| 26.0 | 5.4 | 43.5 | 27.7 | 61.0 | 81.7 | 78.5 | 183.0 |
| 26.5 | 5.7 | 44.0 | 28.8 | 61.5 | 83.9 | 79.0 | 186.8 |
| 27.0 | 6.0 | 44.5 | 29.8 | 62.0 | 86.1 | 79.5 | 190.6 |
| 27.5 | 6.4 | 45.0 | 30.9 | 62.5 | 88.3 | 80.0 | 194.4 |
| 28.0 | 6.8 | 45.5 | 32.0 | 63.0 | 90.6 | 80.5 | 198.3 |
| 28.5 | 7.2 | 46.0 | 33.2 | 63.5 | 92.9 | 81.0 | 202.3 |
| 29.0 | 7.6 | 46.5 | 34.3 | 64.0 | 95.3 | 81.5 | 206.3 |
| 29.5 | 8.0 | 47.0 | 35.5 | 64.5 | 97.7 | 82.0 | 210.4 |
| 30.0 | 8.5 | 47.5 | 36.8 | 65.0 | 100.1 | 82.5 | 214.5 |
| 30.5 | 8.9 | 48.0 | 38.0 | 65.5 | 102.6 | 83.0 | 218.7 |
| 31.0 | 9.4 | 48.5 | 39.3 | 66.0 | 105.1 | 83.5 | 222.9 |
| 31.5 | 9.9 | 49.0 | 40.6 | 66.5 | 107.7 | 84.0 | 227.2 |
| 32.0 | 10.4 | 49.5 | 41.9 | 67.0 | 110.3 | 84.5 | 231.6 |
| 32.5 | 10.9 | 50.0 | 43.3 | 67.5 | 113.0 | 85.0 | 236.0 |
| 33.0 | 11.5 | 50.5 | 44.7 | 68.0 | 115.7 | 85.5 | 240.5 |
| 33.5 | 12.0 | 51.0 | 46.1 | 68.5 | 118.4 | 86.0 | 245.0 |
| 34.0 | 12.6 | 51.5 | 47.6 | 69.0 | 121.2 | 86.5 | 249.6 |
| 34.5 | 13.2 | 52.0 | 49.1 | 69.5 | 124.0 | 87.0 | 254.2 |
| 35.0 | 13.9 | 52.5 | 50.6 | 70.0 | 126.9 | 87.5 | 258.9 |
| 35.5 | 14.5 | 53.0 | 52.2 | 70.5 | 129.8 | 88.0 | 263.7 |
| 36.0 | 15.2 | 53.5 | 53.8 | 71.0 | 132.8 | 88.5 | 268.5 |
| 36.5 | 15.8 | 54.0 | 55.4 | 71.5 | 135.8 | 89.0 | 273.4 |
| 37.0 | 16.5 | 54.5 | 57.0 | 72.0 | 138.9 | 89.5 | 278.3 |
| 37.5 | 17.3 | 55.0 | 58.7 | 72.5 | 142.0 | 90.0 | 283.3 |
| 38.0 | 18.0 | 55.5 | 60.4 | 73.0 | 145.1 | 90.5 | 288.4 |
| 38.5 | 18.8 | 56.0 | 62.2 | 73.5 | 148.3 | 91.0 | 293.5 |
| 39.0 | 19.6 | 56.5 | 64.0 | 74.0 | 151.6 | 91.5 | 298.7 |
| 39.5 | 20.4 | 57.0 | 65.8 | 74.5 | 154.9 | 92.0 | 303.9 |

[^3]Table 2C.2: Subareas of IPHC Areas 2C, ports where ADF\&G halibut sampling occurs, and Subarea abbreviations used in tables and figures in this report.

| IPHC |  | Ports with Sampling and |  |
| :---: | :--- | :--- | :--- |
| Area | Subarea | Angler Interviews | Abbreviations |
| 2C | Ketchikan | Ketchikan | Ketch, A |
|  | Prince of Wales Island | Craig, Klawock | PWalesl, PWI, B |
|  | Petersburg/Wrangell | Petersburg, Wrangell | Pburg, C |
|  | Sitka | Sitka | D |
|  | Juneau, Haines, Skagway | Juneau | Jun, E, EF |
|  | Glacier Bay (2C portion) | Gustavus, Elfin Cove | GlacB, GlacB-2C, G2C |

Table 2C.3: Charter logbook effort, harvest per unit effort, and harvest of halibut in IPHC Area 2C, 2013 - 2022. Preliminary numbers for 2022 (in italics) are based on logbook data for charter trips entered as of November 7, 2022.

| Year | Subarea |  |  |  |  |  | Total 2C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ketch | PWI | Pburg | Sitka | Jun | GlacB-2C |  |
| Effort (angler-days)* |  |  |  |  |  |  |  |
| 2013 | 13,582 | 20,180 | 3,029 | 24,470 | 9,288 | 11,206 | 81,755 |
| 2014 | 14,680 | 21,491 | 2,839 | 28,638 | 10,375 | 12,390 | 90,413 |
| 2015 | 16,685 | 21,931 | 3,071 | 31,113 | 11,391 | 10,613 | 94,804 |
| 2016 | 16,595 | 23,440 | 3,373 | 31,093 | 12,069 | 9,694 | 96,264 |
| 2017 | 18,678 | 25,466 | 3,133 | 33,481 | 13,729 | 9,786 | 104,273 |
| 2018 | 21,661 | 25,708 | 3,538 | 32,394 | 13,993 | 11,396 | 108,690 |
| 2019 | 20,998 | 24,412 | 3,194 | 33,057 | 14,674 | 10,414 | 106,749 |
| 2020 | 4,521 | 12,644 | 1,934 | 16,605 | 4,089 | 5,133 | 44,926 |
| 2021 | 13,536 | 26,082 | 3,303 | 33,689 | 12,112 | 12,618 | 101,340 |
| 2022 | 20,892 | 28,435 | 3,265 | 36,771 | 12,777 | 12,783 | 114,923 |
| Halibut Harvest per Angler-Day (HPUE) |  |  |  |  |  |  |  |
| 2013 | 0.494 | 0.833 | 0.696 | 0.706 | 0.698 | 0.792 | 0.713 |
| 2014 | 0.486 | 0.801 | 0.729 | 0.761 | 0.678 | 0.789 | 0.719 |
| 2015 | 0.465 | 0.744 | 0.691 | 0.759 | 0.675 | 0.768 | 0.693 |
| 2016 | 0.507 | 0.725 | 0.621 | 0.789 | 0.633 | 0.667 | 0.687 |
| 2017 | 0.460 | 0.753 | 0.630 | 0.777 | 0.592 | 0.692 | 0.677 |
| 2018 | 0.440 | 0.729 | 0.606 | 0.751 | 0.572 | 0.637 | 0.644 |
| 2019 | 0.439 | 0.742 | 0.523 | 0.766 | 0.615 | 0.699 | 0.661 |
| 2020 | 0.776 | 0.771 | 0.768 | 0.834 | 0.854 | 0.783 | 0.804 |
| 2021 | 0.674 | 0.794 | 0.668 | 0.806 | 0.718 | 0.786 | 0.768 |
| 2022 | 0.481 | 0.795 | 0.614 | 0.809 | 0.691 | 0.738 | 0.719 |
| Harvest (number of halibut) |  |  |  |  |  |  |  |
| 2013 | 6,711 | 16,810 | 2,107 | 17,265 | 6,487 | 8,880 | 58,260 |
| 2014 | 7,138 | 17,214 | 2,071 | 21,798 | 7,034 | 9,781 | 65,036 |
| 2015 | 7,762 | 16,322 | 2,121 | 23,611 | 7,687 | 8,153 | 65,656 |
| 2016 | 8,414 | 16,999 | 2,095 | 24,528 | 7,642 | 6,469 | 66,147 |
| 2017 | 8,590 | 19,173 | 1,975 | 26,018 | 8,123 | 6,769 | 70,648 |
| 2018 | 9,530 | 18,731 | 2,143 | 24,327 | 7,998 | 7,255 | 69,984 |
| 2019 | 9,217 | 18,105 | 1,672 | 25,306 | 9,020 | 7,280 | 70,600 |
| 2020 | 3,507 | 9,750 | 1,485 | 13,848 | 3,490 | 4,020 | 36,100 |
| 2021 | 9,125 | 20,706 | 2,206 | 27,155 | 8,692 | 9,919 | 77,803 |
| 2022 | 10,049 | 22,613 | 2,005 | 29,747 | 8,835 | 9,437 | 82,686 |

*Effort is defined as angler-days with recorded bottomfish hours or harvest of at least one halibut.

Table 2C.4. Forecasts of effort, halibut harvest per unit effort (HPUE), and harvest (numbers of halibut) for Area 2C in 2023 under status quo regulations, with associated standard errors. Status quo regulations include a one-fish bag limit and U40O80 reverse slot size limit.

|  | Effort <br> (angler-days) | Std Error | HPUE | Std Error | Harvest <br> (no. halibut) | Std Error |
| :---: | :---: | :---: | :---: | :---: | ---: | ---: |
| Ketch | 19,084 | 3,075 | 0.465 | 0.043 | 8,875 | 1,639 |
| PWI | 28,939 | 1,524 | 0.760 | 0.040 | 21,997 | 1,645 |
| Pburg | 3,149 | 364 | 0.597 | 0.047 | 1,881 | 263 |
| Sitka | 37,428 | 1,772 | 0.795 | 0.048 | 29,745 | 2,278 |
| Jun | 12,776 | 1,209 | 0.691 | 0.045 | 8,834 | 1,015 |
| GlacB-2C | 12,667 | 1,363 | 0.716 | 0.059 | 9,070 | 1,223 |
| Area 2C | 114,044 | 4,286 | 0.705 | $*$ | 80,402 | 3,630 |

*This SE cannot be calculated because unlike effort and harvest, HPUE is not expected to additive across subareas.

Table 2C.5. Projected charter removals (Mlb) for Area 2C in 2023 under reverse slot limits ranging from U35O50 to U50O80 with a 1 -fish bag limit. Shaded cells represent projections for the most liberal combinations that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

| Lower | Upper Length Limit (in) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Limit (in) | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 |
| 35 | 1.385 | 1.295 | 1.225 | 1.145 | 1.086 | 1.034 | 0.963 | 0.894 | 0.854 | 0.825 | 0.795 | 0.773 | 0.745 | 0.728 | 0.726 | 0.713 |
| 36 | 1.418 | 1.330 | 1.261 | 1.182 | 1.124 | 1.073 | 1.003 | 0.935 | 0.895 | 0.866 | 0.836 | 0.814 | 0.786 | 0.770 | 0.768 | 0.755 |
| 37 | 1.436 | 1.350 | 1.282 | 1.203 | 1.146 | 1.095 | 1.026 | 0.958 | 0.919 | 0.890 | 0.860 | 0.838 | 0.811 | 0.794 | 0.792 | 0.779 |
| 38 | 1.465 | 1.380 | 1.313 | 1.236 | 1.179 | 1.130 | 1.061 | 0.994 | 0.955 | 0.926 | 0.896 | 0.875 | 0.848 | 0.831 | 0.829 | 0.816 |
| 39 | 1.486 | 1.402 | 1.336 | 1.260 | 1.204 | 1.155 | 1.086 | 1.020 | 0.981 | 0.953 | 0.923 | 0.902 | 0.875 | 0.858 | 0.856 | 0.844 |
| 40 | 1.502 | 1.420 | 1.355 | 1.280 | 1.224 | 1.176 | 1.108 | 1.042 | 1.004 | 0.975 | 0.946 | 0.925 | 0.898 | 0.882 | 0.880 | 0.867 |
| 41 | 1.522 | 1.442 | 1.378 | 1.303 | 1.248 | 1.200 | 1.134 | 1.068 | 1.030 | 1.002 | 0.973 | 0.952 | 0.925 | 0.909 | 0.907 | 0.895 |
| 42 | 1.535 | 1.456 | 1.393 | 1.319 | 1.265 | 1.217 | 1.151 | 1.086 | 1.048 | 1.021 | 0.992 | 0.971 | 0.944 | 0.928 | 0.926 | 0.914 |
| 43 | 1.550 | 1.471 | 1.409 | 1.337 | 1.283 | 1.236 | 1.170 | 1.106 | 1.068 | 1.041 | 1.012 | 0.992 | 0.965 | 0.949 | 0.947 | 0.935 |
| 44 | 1.571 | 1.495 | 1.433 | 1.362 | 1.309 | 1.262 | 1.197 | 1.134 | 1.096 | 1.069 | 1.041 | 1.020 | 0.994 | 0.978 | 0.976 | 0.964 |
| 45 | 1.595 | 1.520 | 1.460 | 1.390 | 1.337 | 1.291 | 1.227 | 1.164 | 1.127 | 1.100 | 1.072 | 1.052 | 1.025 | 1.010 | 1.008 | 0.995 |
| 46 | 1.610 | 1.536 | 1.477 | 1.408 | 1.356 | 1.311 | 1.247 | 1.185 | 1.148 | 1.121 | 1.093 | 1.073 | 1.047 | 1.031 | 1.029 | 1.017 |
| 47 | 1.630 | 1.558 | 1.500 | 1.432 | 1.381 | 1.336 | 1.273 | 1.211 | 1.175 | 1.148 | 1.121 | 1.101 | 1.075 | 1.059 | 1.057 | 1.045 |
| 48 | 1.644 | 1.573 | 1.516 | 1.448 | 1.398 | 1.353 | 1.291 | 1.230 | 1.193 | 1.167 | 1.139 | 1.119 | 1.094 | 1.078 | 1.076 | 1.064 |
| 49 | 1.669 | 1.600 | 1.544 | 1.477 | 1.428 | 1.384 | 1.322 | 1.262 | 1.226 | 1.199 | 1.172 | 1.153 | 1.127 | 1.111 | 1.110 | 1.098 |
| 50 | 1.685 | 1.618 | 1.562 | 1.497 | 1.448 | 1.405 | 1.343 | 1.284 | 1.248 | 1.222 | 1.195 | 1.176 | 1.150 | 1.135 | 1.133 | 1.121 |

Table 2C.6. Estimated effects of annual limits of two to three halibut on Area 2C charter anglers and projected harvest for 2023. Effects were estimated using 2022 logbook data from licensed anglers. The percent of affected anglers is the portion of individual anglers that harvested more than the specified annual limit in 2022.

| Annual Limit | Subarea |  |  |  |  |  | Area 2C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ketch | PWI | Pburg | Sitka | Jun | GlacB |  |
|  | Estimated percent of anglers affected by the annual limit: |  |  |  |  |  |  |
| 2 | 13.6\% | 57.8\% | 25.5\% | 49.2\% | 34.5\% | 46.3\% | 42.4\% |
| 3 | 2.2\% | 10.8\% | 9.1\% | 10.1\% | 20.1\% | 21.9\% | 11.2\% |
|  | Estimated percent change in harvest relative to no annual limit: |  |  |  |  |  |  |
| 2 | -11.1\% | -28.3\% | -19.2\% | -25.7\% | -28.9\% | -31.0\% | -25.6\% |
| 3 | -2.0\% | -5.5\% | -5.9\% | -5.3\% | -12.5\% | -12.0\% | -6.5\% |
|  | Projected harvest (number of halibut): |  |  |  |  |  |  |
| 2 | 7,891 | 15,777 | 1,520 | 22,106 | 6,277 | 6,259 | 59,830 |
| 3 | 8,694 | 20,782 | 1,770 | 28,178 | 7,733 | 7,978 | 75,136 |
| No Limit | 8,875 | 21,997 | 1,881 | 29,745 | 8,834 | 9,070 | 80,402 |

Table 2C.7. Projected charter removals (Mlb) for Area 2C in 2023 under reverse slot limits ranging from U35O50 to U50O80 with a 1-fish bag limit combined with annual limits ranging from three to two fish. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.
A. $\mathbf{3}$-fish annual limit, harvest $=\mathbf{7 5 , 1 3 6}$

| A. 3-fish annual limit, harvest $=\mathbf{7 5 , 1 3 6}$ |
| :--- |
| Lower <br> Limit (in) |
| 35 |

b. 2-fish annual limit, harvest $\mathbf{= 5 9 , 8 3 0}$

| Lower | Upper Length Limit (in) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Limit (in) | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 |
| 35 | 1.025 | 0.958 | 0.905 | 0.846 | 0.803 | 0.765 | 0.713 | 0.662 | 0.632 | 0.610 | 0.589 | 0.573 | 0.552 | 0.540 | 0.538 | 0.529 |
| 36 | 1.050 | 0.984 | 0.933 | 0.874 | 0.832 | 0.795 | 0.743 | 0.692 | 0.662 | 0.641 | 0.620 | 0.604 | 0.583 | 0.571 | 0.570 | 0.561 |
| 37 | 1.064 | 0.999 | 0.948 | 0.890 | 0.848 | 0.811 | 0.760 | 0.709 | 0.680 | 0.659 | 0.638 | 0.622 | 0.601 | 0.590 | 0.588 | 0.579 |
| 38 | 1.085 | 1.022 | 0.972 | 0.915 | 0.873 | 0.837 | 0.786 | 0.736 | 0.707 | 0.686 | 0.665 | 0.650 | 0.629 | 0.617 | 0.616 | 0.607 |
| 39 | 1.101 | 1.038 | 0.989 | 0.933 | 0.892 | 0.856 | 0.805 | 0.756 | 0.727 | 0.706 | 0.685 | 0.670 | 0.649 | 0.638 | 0.636 | 0.627 |
| 40 | 1.114 | 1.052 | 1.003 | 0.948 | 0.907 | 0.872 | 0.822 | 0.773 | 0.744 | 0.723 | 0.703 | 0.687 | 0.667 | 0.655 | 0.654 | 0.645 |
| 41 | 1.129 | 1.068 | 1.021 | 0.965 | 0.925 | 0.890 | 0.841 | 0.792 | 0.764 | 0.743 | 0.723 | 0.708 | 0.687 | 0.676 | 0.675 | 0.666 |
| 42 | 1.138 | 1.079 | 1.032 | 0.977 | 0.938 | 0.903 | 0.854 | 0.806 | 0.778 | 0.757 | 0.737 | 0.722 | 0.702 | 0.690 | 0.689 | 0.680 |
| 43 | 1.149 | 1.090 | 1.044 | 0.990 | 0.951 | 0.917 | 0.868 | 0.820 | 0.792 | 0.772 | 0.752 | 0.737 | 0.717 | 0.705 | 0.704 | 0.695 |
| 44 | 1.166 | 1.108 | 1.062 | 1.009 | 0.971 | 0.937 | 0.888 | 0.841 | 0.814 | 0.794 | 0.773 | 0.758 | 0.739 | 0.727 | 0.726 | 0.717 |
| 45 | 1.183 | 1.127 | 1.082 | 1.030 | 0.992 | 0.958 | 0.911 | 0.864 | 0.837 | 0.817 | 0.797 | 0.782 | 0.762 | 0.751 | 0.750 | 0.741 |
| 46 | 1.195 | 1.140 | 1.095 | 1.044 | 1.006 | 0.973 | 0.926 | 0.879 | 0.852 | 0.832 | 0.813 | 0.798 | 0.778 | 0.767 | 0.766 | 0.757 |
| 47 | 1.210 | 1.156 | 1.113 | 1.062 | 1.025 | 0.992 | 0.945 | 0.900 | 0.873 | 0.853 | 0.833 | 0.819 | 0.799 | 0.788 | 0.787 | 0.778 |
| 48 | 1.221 | 1.168 | 1.125 | 1.074 | 1.038 | 1.005 | 0.959 | 0.913 | 0.887 | 0.867 | 0.848 | 0.833 | 0.814 | 0.803 | 0.801 | 0.793 |
| 49 | 1.239 | 1.187 | 1.145 | 1.096 | 1.060 | 1.028 | 0.982 | 0.937 | 0.910 | 0.891 | 0.872 | 0.857 | 0.838 | 0.827 | 0.826 | 0.817 |
| 50 | 1.251 | 1.200 | 1.159 | 1.110 | 1.075 | 1.043 | 0.998 | 0.953 | 0.927 | 0.908 | 0.889 | 0.874 | 0.855 | 0.844 | 0.843 | 0.835 |

Table 2C.8. Projected charter removals (Mlb) for Area 2C in 2022 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with days closed throughout the season. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality

## a. Sunday closures

|  |  | Sunday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | None | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 17 \end{aligned}$ | Starting Sept 10 | $\begin{array}{r} \text { Starting } \\ \text { Sept } 03 \\ \hline \end{array}$ | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | Starting Aug 6 | Starting July 30 | Starting July 23 | Starting July 16 | $\begin{array}{r} \text { Starting } \\ \text { July } 9 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 2 \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | Starting <br> May 21 | Starting <br> May 14 | All Year |
|  | Harvest | 80,402 | 80,333 | 80,093 | 79,608 | 78,896 | 78,510 | 77,460 | 76,512 | 75,647 | 74,762 | 73,733 | 72,873 | 72,105 | 71,374 | 70,776 | 70,343 | 70,084 | 69,807 | 69,659 | 69,615 | 69,613 |
|  | 35 | 0.713 | 0.712 | 0.710 | 0.706 | 0.700 | 0.697 | 0.688 | 0.679 | 0.672 | 0.664 | 0.655 | 0.648 | 0.641 | 0.634 | 0.629 | 0.625 | 0.623 | 0.620 | 0.619 | 0.619 | 0.619 |
|  | 36 | 0.755 | 0.754 | 0.752 | 0.747 | 0.741 | 0.737 | 0.728 | 0.719 | 0.711 | 0.703 | 0.693 | 0.685 | 0.678 | 0.672 | 0.666 | 0.662 | 0.659 | 0.657 | 0.655 | 0.655 | 0.655 |
|  | 37 | 0.779 | 0.779 | 0.776 | 0.772 | 0.765 | 0.761 | 0.751 | 0.742 | 0.734 | 0.726 | 0.716 | 0.708 | 0.701 | 0.694 | 0.688 | 0.684 | 0.681 | 0.678 | 0.677 | 0.676 | 0.676 |
|  | 38 | 0.816 | 0.816 | 0.813 | 0.809 | 0.802 | 0.798 | 0.787 | 0.778 | 0.769 | 0.760 | 0.750 | 0.742 | 0.734 | 0.727 | 0.721 | 0.716 | 0.714 | 0.711 | 0.709 | 0.709 | 0.709 |
|  | 39 | 0.844 | 0.843 | 0.841 | 0.836 | 0.828 | 0.824 | 0.814 | 0.804 | 0.795 | 0.786 | 0.775 | 0.767 | 0.759 | 0.751 | 0.745 | 0.740 | 0.737 | 0.734 | 0.733 | 0.732 | 0.732 |
|  | 40 | 0.867 | 0.866 | 0.864 | 0.859 | 0.851 | 0.847 | 0.836 | 0.826 | 0.817 | 0.808 | 0.797 | 0.788 | 0.780 | 0.772 | 0.766 | 0.761 | 0.758 | 0.755 | 0.753 | 0.753 | 0.753 |
|  | 41 | 0.895 | 0.894 | 0.891 | 0.886 | 0.878 | 0.874 | 0.863 | 0.852 | 0.843 | 0.833 | 0.822 | 0.813 | 0.805 | 0.797 | 0.790 | 0.785 | 0.782 | 0.779 | 0.777 | 0.777 | 0.777 |
|  | 42 | 0.914 | 0.913 | 0.911 | 0.905 | 0.897 | 0.893 | 0.881 | 0.871 | 0.861 | 0.851 | 0.840 | 0.831 | 0.822 | 0.814 | 0.808 | 0.802 | 0.799 | 0.796 | 0.794 | 0.794 | 0.794 |
|  | 43 | 0.935 | 0.934 | 0.931 | 0.926 | 0.918 | 0.913 | 0.901 | 0.890 | 0.881 | 0.871 | 0.859 | 0.850 | 0.841 | 0.833 | 0.826 | 0.821 | 0.818 | 0.814 | 0.812 | 0.812 | 0.812 |
|  | 44 | 0.964 | 0.963 | 0.960 | 0.954 | 0.946 | 0.942 | 0.929 | 0.918 | 0.908 | 0.898 | 0.886 | 0.876 | 0.867 | 0.859 | 0.852 | 0.846 | 0.843 | 0.840 | 0.838 | 0.837 | 0.837 |
|  | 45 | 0.995 | 0.995 | 0.992 | 0.986 | 0.977 | 0.973 | 0.960 | 0.948 | 0.938 | 0.928 | 0.915 | 0.905 | 0.896 | 0.887 | 0.880 | 0.875 | 0.871 | 0.867 | 0.865 | 0.865 | 0.865 |
|  | 46 | 1.017 | 1.016 | 1.013 | 1.007 | 0.998 | 0.994 | 0.981 | 0.969 | 0.959 | 0.948 | 0.935 | 0.925 | 0.916 | 0.907 | 0.899 | 0.894 | 0.890 | 0.886 | 0.884 | 0.884 | 0.884 |
|  | 47 | 1.045 | 1.044 | 1.041 | 1.035 | 1.026 | 1.021 | 1.008 | 0.996 | 0.985 | 0.974 | 0.961 | 0.951 | 0.941 | 0.932 | 0.924 | 0.918 | 0.915 | 0.911 | 0.909 | 0.908 | 0.908 |
|  | 48 | 1.064 | 1.063 | 1.060 | 1.054 | 1.045 | 1.040 | 1.026 | 1.014 | 1.003 | 0.992 | 0.979 | 0.968 | 0.958 | 0.949 | 0.941 | 0.935 | 0.932 | 0.928 | 0.925 | 0.925 | 0.925 |
|  | 49 | 1.098 | 1.097 | 1.093 | 1.087 | 1.078 | 1.073 | 1.059 | 1.046 | 1.035 | 1.023 | 1.010 | 0.999 | 0.989 | 0.979 | 0.971 | 0.965 | 0.961 | 0.957 | 0.955 | 0.954 | 0.954 |
|  | 50 | 1.121 | 1.120 | 1.117 | 1.110 | 1.101 | 1.096 | 1.082 | 1.069 | 1.057 | 1.045 | 1.031 | 1.020 | 1.010 | 1.000 | 0.992 | 0.986 | 0.982 | 0.978 | 0.976 | 0.975 | 0.975 |

Table 2C.8. (continued)

## b. Monday closures


c. Tuesday closures

|  |  | Tuesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | None | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 19 \\ & \hline \end{aligned}$ | Starting Sept 12 | $\begin{array}{r} \text { Starting } \\ \hline \end{array}$ | Starting $\text { Aug } 29$ | Starting Aug 22 | Starting Aug 15 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 8 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 1 \\ \hline \end{array}$ | Starting July 25 | Starting July 18 | $\begin{array}{r} \text { Starting } \\ \text { July } 11 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 4 \\ \hline \end{array}$ | Starting June 27 | $\begin{aligned} & \text { Starting } \\ & \text { June } 20 \\ & \hline \end{aligned}$ | Starting June 13 | $\begin{array}{r} \text { Starting } \\ \text { June } 6 \\ \hline \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 30 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { May } 23 \\ \hline \end{array}$ | Starting <br> May 16 | All Year |
|  | Harvest | 80,402 | 80,362 | 80,129 | 79,702 | 79,078 | 78,393 | 77,325 | 76,211 | 75,077 | 74,088 | 73,169 | 72,125 | 71,405 | 70,492 | 69,867 | 69,635 | 69,316 | 69,115 | 69,041 | 69,005 | 69,000 |
| $\underline{\underline{E}}$$\dot{=}$$\underline{y}$$\vdots$00 | 35 | 0.713 | 0.713 | 0.711 | 0.707 | 0.701 | 0.695 | 0.686 | 0.676 | 0.666 | 0.657 | 0.649 | 0.639 | 0.633 | 0.625 | 0.619 | 0.617 | 0.614 | 0.612 | 0.612 | 0.611 | 0.611 |
|  | 36 | 0.755 | 0.754 | 0.752 | 0.748 | 0.742 | 0.736 | 0.726 | 0.715 | 0.704 | 0.695 | 0.686 | 0.677 | 0.670 | 0.662 | 0.656 | 0.653 | 0.650 | 0.648 | 0.647 | 0.647 | 0.647 |
|  | 37 | 0.779 | 0.779 | 0.777 | 0.773 | 0.767 | 0.760 | 0.749 | 0.739 | 0.727 | 0.718 | 0.709 | 0.699 | 0.692 | 0.683 | 0.677 | 0.675 | 0.671 | 0.669 | 0.669 | 0.668 | 0.668 |
|  | 38 | 0.816 | 0.816 | 0.814 | 0.809 | 0.803 | 0.796 | 0.785 | 0.774 | 0.762 | 0.752 | 0.743 | 0.732 | 0.725 | 0.716 | 0.709 | 0.707 | 0.703 | 0.701 | 0.700 | 0.700 | 0.700 |
|  | 39 | 0.844 | 0.843 | 0.841 | 0.836 | 0.830 | 0.822 | 0.811 | 0.800 | 0.787 | 0.777 | 0.767 | 0.756 | 0.749 | 0.740 | 0.733 | 0.730 | 0.727 | 0.724 | 0.724 | 0.723 | 0.723 |
|  | 40 | 0.867 | 0.867 | 0.864 | 0.860 | 0.853 | 0.845 | 0.834 | 0.822 | 0.809 | 0.798 | 0.789 | 0.777 | 0.770 | 0.760 | 0.753 | 0.751 | 0.747 | 0.745 | 0.744 | 0.743 | 0.743 |
|  | 41 | 0.895 | 0.894 | 0.892 | 0.887 | 0.880 | 0.872 | 0.860 | 0.848 | 0.835 | 0.824 | 0.814 | 0.802 | 0.794 | 0.784 | 0.777 | 0.774 | 0.770 | 0.768 | 0.767 | 0.767 | 0.767 |
|  | 42 | 0.914 | 0.913 | 0.911 | 0.906 | 0.899 | 0.891 | 0.878 | 0.866 | 0.853 | 0.841 | 0.831 | 0.819 | 0.811 | 0.801 | 0.794 | 0.791 | 0.787 | 0.784 | 0.784 | 0.783 | 0.783 |
|  | 43 | 0.935 | 0.934 | 0.931 | 0.926 | 0.919 | 0.911 | 0.898 | 0.885 | 0.872 | 0.860 | 0.850 | 0.838 | 0.829 | 0.819 | 0.812 | 0.809 | 0.805 | 0.802 | 0.801 | 0.801 | 0.801 |
|  | 44 | 0.964 | 0.963 | 0.960 | 0.955 | 0.948 | 0.939 | 0.926 | 0.913 | 0.899 | 0.887 | 0.876 | 0.864 | 0.855 | 0.845 | 0.837 | 0.834 | 0.830 | 0.827 | 0.826 | 0.826 | 0.826 |
|  | 45 | 0.995 | 0.995 | 0.992 | 0.987 | 0.979 | 0.970 | 0.957 | 0.943 | 0.929 | 0.916 | 0.905 | 0.892 | 0.884 | 0.872 | 0.865 | 0.861 | 0.857 | 0.854 | 0.853 | 0.853 | 0.853 |
|  | 46 | 1.017 | 1.016 | 1.013 | 1.008 | 1.000 | 0.991 | 0.977 | 0.963 | 0.948 | 0.936 | 0.925 | 0.911 | 0.903 | 0.891 | 0.883 | 0.880 | 0.875 | 0.873 | 0.872 | 0.871 | 0.871 |
|  | 47 | 1.045 | 1.044 | 1.041 | 1.036 | 1.027 | 1.018 | 1.004 | 0.990 | 0.975 | 0.962 | 0.950 | 0.937 | 0.927 | 0.916 | 0.907 | 0.904 | 0.899 | 0.897 | 0.896 | 0.895 | 0.895 |
|  | 48 | 1.064 | 1.064 | 1.061 | 1.055 | 1.046 | 1.037 | 1.023 | 1.008 | 0.993 | 0.979 | 0.968 | 0.954 | 0.944 | 0.933 | 0.924 | 0.921 | 0.916 | 0.913 | 0.912 | 0.912 | 0.912 |
|  | 49 | 1.098 | 1.097 | 1.094 | 1.088 | 1.079 | 1.069 | 1.055 | 1.040 | 1.024 | 1.010 | 0.998 | 0.984 | 0.974 | 0.962 | 0.953 | 0.950 | 0.945 | 0.942 | 0.941 | 0.940 | 0.940 |
|  | 50 | 1.121 | 1.121 | 1.117 | 1.111 | 1.102 | 1.092 | 1.077 | 1.062 | 1.046 | 1.032 | 1.019 | 1.005 | 0.995 | 0.982 | 0.973 | 0.970 | 0.965 | 0.962 | 0.961 | 0.960 | 0.960 |

Table 2C.8. (continued)

## d. Wednesday closures

|  |  | Wednesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | None | Starting Sept 20 | Starting Sept 13 | Starting Sept 6 | Starting Aug 30 | Starting Aug 23 | Starting Aug 16 | $\begin{array}{r} \text { Starting } \\ \quad \text { Aug } 9 \\ \hline \end{array}$ | Starting Aug 2 | $\begin{array}{r} \text { Starting } \\ \text { July } 26 \\ \hline \end{array}$ | Starting July 19 | Starting July 12 | Starting July 5 | Starting June 28 | Starting June 21 | Starting June 14 | Starting June 7 | Starting May 31 | Starting May 24 | Starting May 17 | All Year |
|  | Harvest | 80,402 | 80,366 | 80,176 | 79,803 | 79,172 | 78,519 | 77,504 | 76,555 | 75,451 | 74,664 | 73,708 | 72,667 | 71,887 | 71,000 | 70,248 | 69,788 | 69,421 | 69,158 | 68,987 | 68,969 | 68,952 |
|  | 35 | 0.713 | 0.713 | 0.711 | 0.708 | 0.702 | 0.696 | 0.687 | 0.679 | 0.669 | 0.662 | 0.653 | 0.644 | 0.637 | 0.629 | 0.622 | 0.618 | 0.615 | 0.612 | 0.611 | 0.611 | 0.610 |
|  | 36 | 0.755 | 0.754 | 0.752 | 0.749 | 0.743 | 0.737 | 0.727 | 0.718 | 0.708 | 0.700 | 0.691 | 0.682 | 0.674 | 0.666 | 0.659 | 0.654 | 0.651 | 0.648 | 0.646 | 0.646 | 0.646 |
|  | 37 | 0.779 | 0.779 | 0.777 | 0.773 | 0.767 | 0.761 | 0.751 | 0.742 | 0.731 | 0.723 | 0.714 | 0.704 | 0.696 | 0.688 | 0.680 | 0.676 | 0.672 | 0.669 | 0.667 | 0.667 | 0.667 |
|  | 38 | 0.816 | 0.816 | 0.814 | 0.810 | 0.804 | 0.797 | 0.787 | 0.777 | 0.766 | 0.758 | 0.748 | 0.737 | 0.730 | 0.720 | 0.713 | 0.708 | 0.704 | 0.701 | 0.699 | 0.699 | 0.699 |
|  | 39 | 0.844 | 0.843 | 0.841 | 0.837 | 0.831 | 0.824 | 0.813 | 0.803 | 0.791 | 0.783 | 0.773 | 0.762 | 0.754 | 0.745 | 0.737 | 0.731 | 0.727 | 0.724 | 0.722 | 0.722 | 0.722 |
|  | 40 | 0.867 | 0.867 | 0.865 | 0.860 | 0.854 | 0.846 | 0.836 | 0.825 | 0.813 | 0.804 | 0.794 | 0.783 | 0.775 | 0.765 | 0.757 | 0.752 | 0.747 | 0.744 | 0.742 | 0.742 | 0.742 |
|  | 41 | 0.895 | 0.894 | 0.892 | 0.888 | 0.881 | 0.873 | 0.862 | 0.851 | 0.839 | 0.830 | 0.819 | 0.808 | 0.799 | 0.789 | 0.781 | 0.775 | 0.771 | 0.768 | 0.766 | 0.765 | 0.765 |
|  | 42 | 0.914 | 0.914 | 0.911 | 0.907 | 0.900 | 0.892 | 0.880 | 0.870 | 0.857 | 0.848 | 0.837 | 0.825 | 0.816 | 0.806 | 0.797 | 0.792 | 0.787 | 0.784 | 0.782 | 0.782 | 0.782 |
|  | 43 | 0.935 | 0.934 | 0.932 | 0.927 | 0.920 | 0.912 | 0.900 | 0.889 | 0.876 | 0.867 | 0.856 | 0.843 | 0.835 | 0.824 | 0.815 | 0.809 | 0.805 | 0.802 | 0.799 | 0.799 | 0.799 |
|  | 44 | 0.964 | 0.963 | 0.961 | 0.956 | 0.948 | 0.940 | 0.928 | 0.917 | 0.903 | 0.894 | 0.882 | 0.870 | 0.861 | 0.850 | 0.841 | 0.835 | 0.830 | 0.827 | 0.824 | 0.824 | 0.824 |
|  | 45 | 0.995 | 0.995 | 0.992 | 0.988 | 0.980 | 0.971 | 0.959 | 0.947 | 0.933 | 0.923 | 0.911 | 0.898 | 0.889 | 0.878 | 0.868 | 0.862 | 0.857 | 0.854 | 0.851 | 0.851 | 0.851 |
|  | 46 | 1.017 | 1.016 | 1.014 | 1.009 | 1.001 | 0.992 | 0.980 | 0.967 | 0.953 | 0.943 | 0.931 | 0.918 | 0.908 | 0.897 | 0.887 | 0.881 | 0.876 | 0.872 | 0.870 | 0.869 | 0.869 |
|  | 47 | 1.045 | 1.044 | 1.042 | 1.037 | 1.028 | 1.019 | 1.007 | 0.994 | 0.979 | 0.969 | 0.956 | 0.943 | 0.933 | 0.922 | 0.912 | 0.905 | 0.900 | 0.896 | 0.894 | 0.893 | 0.893 |
|  | 48 | 1.064 | 1.064 | 1.061 | 1.056 | 1.047 | 1.038 | 1.025 | 1.012 | 0.997 | 0.987 | 0.974 | 0.960 | 0.950 | 0.939 | 0.928 | 0.922 | 0.916 | 0.912 | 0.910 | 0.910 | 0.910 |
|  | 49 | 1.098 | 1.097 | 1.094 | 1.089 | 1.080 | 1.071 | 1.057 | 1.044 | 1.029 | 1.018 | 1.005 | 0.990 | 0.980 | 0.968 | 0.957 | 0.950 | 0.945 | 0.941 | 0.938 | 0.938 | 0.938 |
|  | 50 | 1.121 | 1.121 | 1.117 | 1.112 | 1.103 | 1.094 | 1.080 | 1.066 | 1.050 | 1.039 | 1.026 | 1.011 | 1.001 | 0.988 | 0.978 | 0.970 | 0.965 | 0.961 | 0.958 | 0.958 | 0.958 |

e. Thursday closures


Table 2C.8. (continued)
f. Friday closures

|  |  | Friday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | None | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 22 \end{aligned}$ | Starting <br> Sept 15 | Starting Sept 8 | Starting Sep 1 | Starting Aug 25 | Starting <br> Aug 18 | Starting <br> Aug 11 | Starting Aug 4 | Starting July 28 | Starting <br> July 21 | Starting <br> July 14 | Starting July 7 | Starting June 30 | Starting <br> June 23 | Starting June 16 | Starting June 9 | $\begin{array}{r} \text { Starting } \\ \text { Jun } 2 \\ \hline \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 26 \\ & \hline \end{aligned}$ | Starting <br> May 19 | All Year |
|  | Harvest | 80,402 | 80,379 | 80,293 | 79,898 | 79,287 | 78,904 | 77,964 | 76,741 | 75,799 | 74,817 | 73,735 | 72,635 | 71,963 | 71,095 | 70,280 | 69,642 | 69,180 | 69,024 | 68,840 | 68,736 | 68,719 |
|  | 35 | 0.713 | 0.713 | 0.712 | 0.709 | 0.703 | 0.700 | 0.691 | 0.681 | 0.672 | 0.664 | 0.654 | 0.644 | 0.638 | 0.631 | 0.623 | 0.618 | 0.613 | 0.612 | 0.610 | 0.609 | 0.609 |
|  | 36 | 0.755 | 0.754 | 0.754 | 0.750 | 0.744 | 0.741 | 0.732 | 0.720 | 0.711 | 0.702 | 0.692 | 0.682 | 0.676 | 0.667 | 0.660 | 0.654 | 0.649 | 0.648 | 0.646 | 0.645 | 0.645 |
|  | 37 | 0.779 | 0.779 | 0.778 | 0.775 | 0.769 | 0.765 | 0.756 | 0.744 | 0.735 | 0.725 | 0.715 | 0.704 | 0.698 | 0.689 | 0.681 | 0.675 | 0.670 | 0.669 | 0.667 | 0.666 | 0.666 |
|  | 38 | 0.816 | 0.816 | 0.815 | 0.811 | 0.805 | 0.801 | 0.792 | 0.779 | 0.770 | 0.760 | 0.749 | 0.738 | 0.731 | 0.722 | 0.714 | 0.707 | 0.702 | 0.701 | 0.699 | 0.698 | 0.698 |
|  | 39 | 0.844 | 0.843 | 0.843 | 0.838 | 0.832 | 0.828 | 0.818 | 0.805 | 0.795 | 0.785 | 0.774 | 0.762 | 0.755 | 0.746 | 0.738 | 0.731 | 0.726 | 0.724 | 0.722 | 0.721 | 0.721 |
|  | 40 | 0.867 | 0.867 | 0.866 | 0.862 | 0.855 | 0.851 | 0.841 | 0.828 | 0.817 | 0.807 | 0.795 | 0.783 | 0.776 | 0.767 | 0.758 | 0.751 | 0.746 | 0.744 | 0.742 | 0.741 | 0.741 |
|  | 41 | 0.895 | 0.894 | 0.893 | 0.889 | 0.882 | 0.878 | 0.867 | 0.854 | 0.843 | 0.832 | 0.820 | 0.808 | 0.801 | 0.791 | 0.782 | 0.775 | 0.770 | 0.768 | 0.766 | 0.764 | 0.764 |
|  | 42 | 0.914 | 0.914 | 0.913 | 0.908 | 0.901 | 0.897 | 0.886 | 0.872 | 0.861 | 0.850 | 0.838 | 0.826 | 0.818 | 0.808 | 0.799 | 0.792 | 0.786 | 0.784 | 0.782 | 0.781 | 0.781 |
|  | 43 | 0.935 | 0.934 | 0.933 | 0.929 | 0.922 | 0.917 | 0.906 | 0.892 | 0.881 | 0.869 | 0.857 | 0.844 | 0.837 | 0.827 | 0.817 | 0.810 | 0.804 | 0.802 | 0.800 | 0.798 | 0.798 |
|  | 44 | 0.964 | 0.963 | 0.962 | 0.957 | 0.950 | 0.945 | 0.934 | 0.920 | 0.908 | 0.896 | 0.884 | 0.870 | 0.863 | 0.852 | 0.843 | 0.835 | 0.829 | 0.827 | 0.825 | 0.823 | 0.823 |
|  | 45 | 0.995 | 0.995 | 0.994 | 0.989 | 0.981 | 0.976 | 0.965 | 0.950 | 0.938 | 0.926 | 0.913 | 0.899 | 0.891 | 0.881 | 0.871 | 0.863 | 0.856 | 0.854 | 0.852 | 0.850 | 0.850 |
|  | 46 | 1.017 | 1.017 | 1.015 | 1.010 | 1.003 | 0.997 | 0.985 | 0.970 | 0.958 | 0.946 | 0.932 | 0.919 | 0.910 | 0.900 | 0.890 | 0.881 | 0.875 | 0.873 | 0.870 | 0.869 | 0.869 |
|  | 47 | 1.045 | 1.045 | 1.043 | 1.038 | 1.030 | 1.025 | 1.012 | 0.997 | 0.985 | 0.972 | 0.958 | 0.944 | 0.936 | 0.924 | 0.914 | 0.905 | 0.899 | 0.897 | 0.894 | 0.893 | 0.892 |
|  | 48 | 1.064 | 1.064 | 1.062 | 1.057 | 1.049 | 1.044 | 1.031 | 1.015 | 1.003 | 0.990 | 0.976 | 0.961 | 0.953 | 0.941 | 0.931 | 0.922 | 0.915 | 0.913 | 0.911 | 0.909 | 0.909 |
|  | 49 | 1.098 | 1.097 | 1.096 | 1.091 | 1.082 | 1.076 | 1.064 | 1.047 | 1.034 | 1.021 | 1.006 | 0.992 | 0.983 | 0.971 | 0.960 | 0.951 | 0.944 | 0.942 | 0.939 | 0.938 | 0.937 |
|  | 50 | 1.121 | 1.121 | 1.119 | 1.114 | 1.105 | 1.099 | 1.086 | 1.070 | 1.056 | 1.043 | 1.028 | 1.013 | 1.004 | 0.992 | 0.981 | 0.971 | 0.964 | 0.962 | 0.959 | 0.958 | 0.957 |

## g. Saturday closures



Table 2C.9. Projected charter removals (Mlb) for Area 2C in 2023 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with days closed for the entire season. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

|  | Closed Day | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 69,613 | 68,035 | 69,000 | 68,952 | 68,775 | 68,719 | 69,318 |
|  | 35 | 0.623 | 0.608 | 0.615 | 0.615 | 0.615 | 0.614 | 0.619 |
|  | 36 | 0.660 | 0.644 | 0.651 | 0.651 | 0.651 | 0.650 | 0.656 |
|  | 37 | 0.682 | 0.665 | 0.673 | 0.673 | 0.672 | 0.671 | 0.678 |
|  | 38 | 0.715 | 0.697 | 0.705 | 0.705 | 0.705 | 0.704 | 0.711 |
|  | 39 | 0.739 | 0.721 | 0.729 | 0.729 | 0.729 | 0.728 | 0.735 |
|  | 40 | 0.760 | 0.742 | 0.749 | 0.749 | 0.749 | 0.748 | 0.756 |
|  | 41 | 0.785 | 0.765 | 0.773 | 0.773 | 0.773 | 0.772 | 0.780 |
|  | 42 | 0.802 | 0.782 | 0.790 | 0.790 | 0.790 | 0.789 | 0.797 |
|  | 43 | 0.821 | 0.800 | 0.808 | 0.808 | 0.808 | 0.807 | 0.816 |
|  | 44 | 0.847 | 0.826 | 0.833 | 0.833 | 0.834 | 0.833 | 0.841 |
|  | 45 | 0.875 | 0.853 | 0.861 | 0.861 | 0.862 | 0.861 | 0.870 |
|  | 46 | 0.895 | 0.872 | 0.880 | 0.880 | 0.880 | 0.879 | 0.889 |
|  | 47 | 0.920 | 0.897 | 0.905 | 0.905 | 0.905 | 0.904 | 0.914 |
|  | 48 | 0.937 | 0.913 | 0.922 | 0.922 | 0.922 | 0.921 | 0.931 |
|  | 49 | 0.968 | 0.943 | 0.951 | 0.951 | 0.952 | 0.950 | 0.961 |
|  | 50 | 0.989 | 0.963 | 0.971 | 0.971 | 0.972 | 0.971 | 0.982 |

Table 2C.10. Projected charter removals (Mlb) and harvest for Area 2C in 2023 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with days closed throughout the season and a three fish annual limit. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.
a. Sunday closures

|  |  | Starting Sept 17 | Starting Sept 10 | Starting Sept 03 | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | Starting | Starting July 30 | Starting July 23 | Starting July 16 | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | Starting July 2 | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 21 \\ & \hline \end{aligned}$ | Starting May 14 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,069 | 74,847 | 74,390 | 73,722 | 73,360 | 72,377 | 71,485 | 70,682 | 69,855 | 68,892 | 68,087 | 67,367 | 66,681 | 66,120 | 65,714 | 65,468 | 65,206 | 65,064 | 65,022 |
|  | 35 | 0.666 | 0.666 | 0.664 | 0.660 | 0.654 | 0.651 | 0.642 | 0.635 | 0.628 | 0.620 | 0.612 | 0.605 | 0.599 | 0.593 | 0.588 | 0.584 | 0.582 | 0.580 | 0.578 | 0.578 |
|  | 36 | 0.705 | 0.705 | 0.703 | 0.699 | 0.693 | 0.689 | 0.680 | 0.672 | 0.664 | 0.657 | 0.648 | 0.641 | 0.634 | 0.628 | 0.622 | 0.618 | 0.616 | 0.613 | 0.612 | 0.612 |
|  | 37 | 0.728 | 0.728 | 0.726 | 0.721 | 0.715 | 0.712 | 0.702 | 0.694 | 0.686 | 0.678 | 0.669 | 0.662 | 0.655 | 0.648 | 0.643 | 0.639 | 0.636 | 0.634 | 0.632 | 0.632 |
|  | 38 | 0.763 | 0.762 | 0.760 | 0.756 | 0.749 | 0.745 | 0.736 | 0.727 | 0.719 | 0.710 | 0.701 | 0.693 | 0.686 | 0.679 | 0.673 | 0.669 | 0.667 | 0.664 | 0.662 | 0.662 |
|  | 39 | 0.788 | 0.788 | 0.786 | 0.781 | 0.774 | 0.770 | 0.760 | 0.751 | 0.743 | 0.734 | 0.724 | 0.716 | 0.709 | 0.702 | 0.696 | 0.691 | 0.689 | 0.686 | 0.684 | 0.684 |
|  | 40 | 0.810 | 0.810 | 0.807 | 0.803 | 0.796 | 0.792 | 0.781 | 0.772 | 0.763 | 0.755 | 0.744 | 0.736 | 0.729 | 0.721 | 0.715 | 0.711 | 0.708 | 0.705 | 0.703 | 0.703 |
|  | 41 | 0.836 | 0.835 | 0.833 | 0.828 | 0.820 | 0.817 | 0.806 | 0.796 | 0.787 | 0.778 | 0.768 | 0.759 | 0.752 | 0.744 | 0.738 | 0.733 | 0.731 | 0.727 | 0.726 | 0.725 |
|  | 42 | 0.854 | 0.853 | 0.851 | 0.846 | 0.838 | 0.834 | 0.823 | 0.813 | 0.804 | 0.795 | 0.785 | 0.776 | 0.768 | 0.760 | 0.754 | 0.749 | 0.746 | 0.743 | 0.741 | 0.741 |
|  | 43 | 0.873 | 0.872 | 0.870 | 0.864 | 0.857 | 0.853 | 0.842 | 0.831 | 0.822 | 0.813 | 0.802 | 0.793 | 0.785 | 0.777 | 0.771 | 0.766 | 0.763 | 0.760 | 0.758 | 0.758 |
|  | 44 | 0.900 | 0.899 | 0.897 | 0.891 | 0.884 | 0.879 | 0.868 | 0.857 | 0.848 | 0.839 | 0.827 | 0.818 | 0.810 | 0.802 | 0.795 | 0.790 | 0.787 | 0.784 | 0.782 | 0.781 |
|  | 45 | 0.930 | 0.929 | 0.926 | 0.921 | 0.913 | 0.908 | 0.897 | 0.886 | 0.876 | 0.866 | 0.855 | 0.845 | 0.837 | 0.829 | 0.822 | 0.817 | 0.813 | 0.810 | 0.808 | 0.807 |
|  | 46 | 0.950 | 0.949 | 0.946 | 0.941 | 0.933 | 0.928 | 0.916 | 0.905 | 0.895 | 0.885 | 0.873 | 0.864 | 0.855 | 0.847 | 0.840 | 0.834 | 0.831 | 0.827 | 0.825 | 0.825 |
|  | 47 | 0.976 | 0.975 | 0.972 | 0.967 | 0.958 | 0.954 | 0.941 | 0.930 | 0.920 | 0.910 | 0.897 | 0.888 | 0.879 | 0.870 | 0.863 | 0.858 | 0.854 | 0.850 | 0.848 | 0.848 |
|  | 48 | 0.994 | 0.993 | 0.990 | 0.985 | 0.976 | 0.971 | 0.959 | 0.947 | 0.937 | 0.927 | 0.914 | 0.904 | 0.895 | 0.886 | 0.879 | 0.874 | 0.870 | 0.866 | 0.864 | 0.864 |
|  | 49 | 1.025 | 1.024 | 1.021 | 1.015 | 1.007 | 1.002 | 0.989 | 0.977 | 0.966 | 0.956 | 0.943 | 0.933 | 0.923 | 0.914 | 0.907 | 0.901 | 0.897 | 0.893 | 0.891 | 0.891 |
|  | 50 | 1.047 | 1.046 | 1.043 | 1.037 | 1.028 | 1.023 | 1.010 | 0.998 | 0.987 | 0.976 | 0.963 | 0.953 | 0.943 | 0.934 | 0.926 | 0.920 | 0.917 | 0.913 | 0.910 | 0.910 |

Table 2C.10. (continued)

## b. Monday closures

|  |  | Starting Sept 18 | Starting Sept 11 | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | Starting Aug 7 | Starting July 31 | Starting July 24 | Starting July 17 | Starting July 10 | Starting July 3 | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | Starting May 29 | Starting May 22 | Starting May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,112 | 74,897 | 74,503 | 73,983 | 73,071 | 71,992 | 70,982 | 69,926 | 68,897 | 67,837 | 66,903 | 66,229 | 65,362 | 64,744 | 64,366 | 64,031 | 63,758 | 63,599 | 63,571 |
|  | 35 | 0.666 | 0.666 | 0.664 | 0.661 | 0.656 | 0.648 | 0.639 | 0.630 | 0.620 | 0.611 | 0.602 | 0.594 | 0.588 | 0.580 | 0.575 | 0.571 | 0.568 | 0.566 | 0.564 | 0.564 |
|  | 36 | 0.705 | 0.705 | 0.703 | 0.700 | 0.695 | 0.686 | 0.676 | 0.667 | 0.657 | 0.647 | 0.638 | 0.629 | 0.623 | 0.614 | 0.608 | 0.605 | 0.602 | 0.599 | 0.597 | 0.597 |
|  | 37 | 0.728 | 0.728 | 0.726 | 0.722 | 0.717 | 0.708 | 0.698 | 0.688 | 0.678 | 0.668 | 0.658 | 0.649 | 0.643 | 0.634 | 0.628 | 0.625 | 0.621 | 0.618 | 0.617 | 0.617 |
|  | 38 | 0.763 | 0.763 | 0.760 | 0.757 | 0.751 | 0.742 | 0.731 | 0.721 | 0.710 | 0.700 | 0.690 | 0.680 | 0.674 | 0.665 | 0.658 | 0.654 | 0.651 | 0.648 | 0.646 | 0.646 |
|  | 39 | 0.788 | 0.788 | 0.786 | 0.782 | 0.776 | 0.767 | 0.756 | 0.745 | 0.734 | 0.724 | 0.713 | 0.703 | 0.696 | 0.687 | 0.680 | 0.676 | 0.672 | 0.670 | 0.668 | 0.667 |
|  | 40 | 0.810 | 0.810 | 0.808 | 0.804 | 0.798 | 0.788 | 0.777 | 0.766 | 0.755 | 0.744 | 0.733 | 0.723 | 0.716 | 0.706 | 0.699 | 0.695 | 0.691 | 0.688 | 0.686 | 0.686 |
|  | 41 | 0.836 | 0.835 | 0.833 | 0.829 | 0.823 | 0.813 | 0.801 | 0.790 | 0.778 | 0.767 | 0.756 | 0.746 | 0.738 | 0.728 | 0.721 | 0.717 | 0.713 | 0.710 | 0.708 | 0.708 |
|  | 42 | 0.854 | 0.853 | 0.851 | 0.847 | 0.841 | 0.830 | 0.818 | 0.807 | 0.795 | 0.784 | 0.772 | 0.762 | 0.754 | 0.744 | 0.737 | 0.732 | 0.728 | 0.725 | 0.723 | 0.723 |
|  | 43 | 0.873 | 0.872 | 0.870 | 0.866 | 0.859 | 0.849 | 0.837 | 0.825 | 0.813 | 0.801 | 0.789 | 0.779 | 0.771 | 0.761 | 0.754 | 0.749 | 0.745 | 0.741 | 0.739 | 0.739 |
|  | 44 | 0.900 | 0.900 | 0.897 | 0.893 | 0.886 | 0.875 | 0.863 | 0.851 | 0.838 | 0.826 | 0.814 | 0.803 | 0.795 | 0.785 | 0.777 | 0.772 | 0.768 | 0.765 | 0.763 | 0.762 |
|  | 45 | 0.930 | 0.929 | 0.927 | 0.922 | 0.916 | 0.904 | 0.891 | 0.879 | 0.866 | 0.854 | 0.841 | 0.830 | 0.822 | 0.811 | 0.803 | 0.798 | 0.793 | 0.790 | 0.788 | 0.787 |
|  | 46 | 0.950 | 0.950 | 0.947 | 0.942 | 0.935 | 0.924 | 0.911 | 0.898 | 0.885 | 0.872 | 0.859 | 0.848 | 0.839 | 0.829 | 0.820 | 0.815 | 0.811 | 0.807 | 0.805 | 0.804 |
|  | 47 | 0.976 | 0.976 | 0.973 | 0.968 | 0.961 | 0.949 | 0.936 | 0.923 | 0.909 | 0.896 | 0.883 | 0.871 | 0.863 | 0.851 | 0.843 | 0.838 | 0.833 | 0.829 | 0.827 | 0.827 |
|  | 48 | 0.994 | 0.994 | 0.991 | 0.986 | 0.979 | 0.967 | 0.953 | 0.940 | 0.926 | 0.913 | 0.900 | 0.888 | 0.879 | 0.867 | 0.859 | 0.853 | 0.849 | 0.845 | 0.842 | 0.842 |
|  | 49 | 1.025 | 1.025 | 1.022 | 1.017 | 1.009 | 0.997 | 0.983 | 0.969 | 0.955 | 0.941 | 0.928 | 0.915 | 0.906 | 0.894 | 0.886 | 0.880 | 0.875 | 0.871 | 0.869 | 0.868 |
|  | 50 | 1.047 | 1.047 | 1.043 | 1.038 | 1.031 | 1.018 | 1.004 | 0.990 | 0.975 | 0.961 | 0.947 | 0.935 | 0.926 | 0.914 | 0.905 | 0.899 | 0.894 | 0.890 | 0.887 | 0.887 |

## c. Tuesday closures

|  |  | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 19 \\ \hline \end{array}$ | Starting Sept 12 | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 5 \end{array}$ | Starting Aug 29 | Starting Aug 22 | Starting Aug 15 | Starting Aug 8 | Starting Aug 1 | Starting July 25 | Starting July 18 | Starting July 11 | $\begin{array}{r} \text { Starting } \\ \text { July } 4 \\ \hline \end{array}$ | Starting June 27 | Starting June 20 | Starting June 13 | Starting June 6 | Starting May 30 | $\begin{aligned} & \text { Starting } \\ & \text { May } 23 \\ & \hline \end{aligned}$ | Starting May 16 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,097 | 74,879 | 74,481 | 73,901 | 73,267 | 72,268 | 71,228 | 70,172 | 69,254 | 68,403 | 67,430 | 66,760 | 65,910 | 65,329 | 65,115 | 64,817 | 64,625 | 64,555 | 64,521 |
|  | 35 | 0.666 | 0.666 | 0.664 | 0.661 | 0.655 | 0.650 | 0.641 | 0.632 | 0.622 | 0.614 | 0.606 | 0.598 | 0.592 | 0.584 | 0.579 | 0.577 | 0.574 | 0.573 | 0.572 | 0.572 |
|  | 36 | 0.705 | 0.705 | 0.703 | 0.699 | 0.694 | 0.688 | 0.678 | 0.669 | 0.659 | 0.650 | 0.642 | 0.633 | 0.627 | 0.619 | 0.613 | 0.611 | 0.608 | 0.606 | 0.606 | 0.605 |
|  | 37 | 0.728 | 0.728 | 0.726 | 0.722 | 0.716 | 0.710 | 0.700 | 0.690 | 0.680 | 0.671 | 0.663 | 0.653 | 0.647 | 0.639 | 0.633 | 0.631 | 0.628 | 0.626 | 0.625 | 0.625 |
|  | 38 | 0.763 | 0.763 | 0.760 | 0.756 | 0.750 | 0.744 | 0.734 | 0.723 | 0.712 | 0.703 | 0.694 | 0.684 | 0.678 | 0.669 | 0.663 | 0.661 | 0.658 | 0.656 | 0.655 | 0.654 |
|  | 39 | 0.788 | 0.788 | 0.786 | 0.782 | 0.775 | 0.769 | 0.758 | 0.747 | 0.736 | 0.726 | 0.718 | 0.707 | 0.700 | 0.692 | 0.685 | 0.683 | 0.680 | 0.677 | 0.677 | 0.676 |
|  | 40 | 0.810 | 0.810 | 0.808 | 0.803 | 0.797 | 0.790 | 0.779 | 0.768 | 0.756 | 0.746 | 0.737 | 0.727 | 0.720 | 0.711 | 0.704 | 0.702 | 0.698 | 0.696 | 0.695 | 0.695 |
|  | 41 | 0.836 | 0.835 | 0.833 | 0.829 | 0.822 | 0.815 | 0.804 | 0.792 | 0.780 | 0.770 | 0.760 | 0.750 | 0.742 | 0.733 | 0.726 | 0.724 | 0.720 | 0.718 | 0.717 | 0.717 |
|  | 42 | 0.854 | 0.853 | 0.851 | 0.846 | 0.840 | 0.832 | 0.821 | 0.809 | 0.797 | 0.786 | 0.777 | 0.766 | 0.758 | 0.749 | 0.742 | 0.739 | 0.736 | 0.733 | 0.732 | 0.732 |
|  | 43 | 0.873 | 0.872 | 0.870 | 0.865 | 0.858 | 0.851 | 0.839 | 0.827 | 0.814 | 0.804 | 0.794 | 0.783 | 0.775 | 0.765 | 0.758 | 0.756 | 0.752 | 0.750 | 0.749 | 0.748 |
|  | 44 | 0.900 | 0.900 | 0.897 | 0.892 | 0.885 | 0.877 | 0.865 | 0.853 | 0.840 | 0.829 | 0.819 | 0.807 | 0.799 | 0.789 | 0.782 | 0.779 | 0.775 | 0.773 | 0.772 | 0.772 |
|  | 45 | 0.930 | 0.929 | 0.927 | 0.922 | 0.914 | 0.906 | 0.894 | 0.881 | 0.868 | 0.856 | 0.846 | 0.834 | 0.826 | 0.815 | 0.808 | 0.805 | 0.801 | 0.798 | 0.798 | 0.797 |
|  | 46 | 0.950 | 0.949 | 0.947 | 0.942 | 0.934 | 0.926 | 0.913 | 0.900 | 0.886 | 0.875 | 0.864 | 0.852 | 0.844 | 0.833 | 0.826 | 0.822 | 0.818 | 0.816 | 0.815 | 0.814 |
|  | 47 | 0.976 | 0.976 | 0.973 | 0.968 | 0.960 | 0.951 | 0.938 | 0.925 | 0.911 | 0.899 | 0.888 | 0.875 | 0.867 | 0.856 | 0.848 | 0.845 | 0.841 | 0.838 | 0.837 | 0.837 |
|  | 48 | 0.994 | 0.994 | 0.991 | 0.986 | 0.978 | 0.969 | 0.956 | 0.942 | 0.928 | 0.915 | 0.905 | 0.892 | 0.883 | 0.872 | 0.864 | 0.861 | 0.856 | 0.854 | 0.853 | 0.852 |
|  | 49 | 1.025 | 1.025 | 1.022 | 1.016 | 1.008 | 0.999 | 0.985 | 0.971 | 0.956 | 0.944 | 0.933 | 0.919 | 0.910 | 0.899 | 0.891 | 0.888 | 0.883 | 0.880 | 0.879 | 0.879 |
|  | 50 | 1.047 | 1.046 | 1.043 | 1.038 | 1.029 | 1.020 | 1.006 | 0.992 | 0.977 | 0.964 | 0.952 | 0.939 | 0.929 | 0.918 | 0.910 | 0.906 | 0.902 | 0.899 | 0.898 | 0.897 |

Table 2C.10. (continued)

## d. Wednesday closures

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 20 \\ & \hline \end{aligned}$ | Starting Sept 13 | Starting Sept 6 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 30 \\ \hline \end{array}$ | Starting Aug 23 | Starting Aug 16 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 9 \end{array}$ | Starting Aug 2 | Starting July 26 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 19 \end{array}$ | Starting July 12 | Starting July 5 | Starting June 28 | Starting June 21 | Starting June 14 | Starting June 7 | Starting May 31 | Starting May 24 | Starting May 17 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,100 | 74,926 | 74,578 | 73,988 | 73,385 | 72,441 | 71,558 | 70,529 | 69,799 | 68,909 | 67,940 | 67,218 | 66,396 | 65,695 | 65,264 | 64,919 | 64,672 | 64,511 | 64,494 |
|  | 35 | 0.666 | 0.666 | 0.664 | 0.661 | 0.656 | 0.651 | 0.642 | 0.634 | 0.625 | 0.619 | 0.611 | 0.602 | 0.596 | 0.588 | 0.582 | 0.578 | 0.575 | 0.573 | 0.571 | 0.571 |
|  | 36 | 0.705 | 0.705 | 0.703 | 0.700 | 0.695 | 0.689 | 0.680 | 0.672 | 0.662 | 0.655 | 0.647 | 0.637 | 0.631 | 0.623 | 0.616 | 0.612 | 0.609 | 0.606 | 0.605 | 0.605 |
|  | 37 | 0.728 | 0.728 | 0.726 | 0.723 | 0.717 | 0.711 | 0.702 | 0.693 | 0.683 | 0.676 | 0.668 | 0.658 | 0.651 | 0.643 | 0.636 | 0.632 | 0.628 | 0.626 | 0.624 | 0.624 |
|  | 38 | 0.763 | 0.763 | 0.761 | 0.757 | 0.751 | 0.745 | 0.735 | 0.726 | 0.716 | 0.708 | 0.699 | 0.689 | 0.682 | 0.674 | 0.666 | 0.662 | 0.658 | 0.656 | 0.654 | 0.654 |
|  | 39 | 0.788 | 0.788 | 0.786 | 0.782 | 0.776 | 0.770 | 0.760 | 0.751 | 0.740 | 0.732 | 0.723 | 0.712 | 0.705 | 0.696 | 0.689 | 0.684 | 0.680 | 0.678 | 0.676 | 0.676 |
|  | 40 | 0.810 | 0.810 | 0.808 | 0.804 | 0.798 | 0.791 | 0.781 | 0.771 | 0.760 | 0.752 | 0.743 | 0.732 | 0.725 | 0.716 | 0.708 | 0.703 | 0.699 | 0.696 | 0.694 | 0.694 |
|  | 41 | 0.836 | 0.835 | 0.833 | 0.829 | 0.823 | 0.816 | 0.805 | 0.795 | 0.784 | 0.776 | 0.766 | 0.755 | 0.747 | 0.738 | 0.730 | 0.725 | 0.721 | 0.718 | 0.716 | 0.716 |
|  | 42 | 0.854 | 0.853 | 0.851 | 0.847 | 0.840 | 0.833 | 0.823 | 0.812 | 0.801 | 0.792 | 0.782 | 0.771 | 0.763 | 0.754 | 0.746 | 0.740 | 0.736 | 0.733 | 0.731 | 0.731 |
|  | 43 | 0.873 | 0.872 | 0.870 | 0.866 | 0.859 | 0.852 | 0.841 | 0.831 | 0.818 | 0.810 | 0.799 | 0.788 | 0.780 | 0.770 | 0.762 | 0.757 | 0.752 | 0.749 | 0.747 | 0.747 |
|  | 44 | 0.900 | 0.900 | 0.897 | 0.893 | 0.886 | 0.878 | 0.867 | 0.857 | 0.844 | 0.835 | 0.824 | 0.813 | 0.805 | 0.795 | 0.786 | 0.780 | 0.776 | 0.773 | 0.771 | 0.770 |
|  | 45 | 0.930 | 0.929 | 0.927 | 0.923 | 0.915 | 0.907 | 0.896 | 0.885 | 0.872 | 0.863 | 0.852 | 0.840 | 0.831 | 0.821 | 0.812 | 0.806 | 0.802 | 0.798 | 0.796 | 0.796 |
|  | 46 | 0.950 | 0.949 | 0.947 | 0.942 | 0.935 | 0.927 | 0.915 | 0.904 | 0.891 | 0.881 | 0.870 | 0.858 | 0.849 | 0.839 | 0.829 | 0.823 | 0.819 | 0.815 | 0.813 | 0.813 |
|  | 47 | 0.976 | 0.976 | 0.973 | 0.968 | 0.961 | 0.952 | 0.940 | 0.929 | 0.915 | 0.905 | 0.894 | 0.881 | 0.872 | 0.862 | 0.852 | 0.846 | 0.841 | 0.838 | 0.835 | 0.835 |
|  | 48 | 0.994 | 0.994 | 0.991 | 0.986 | 0.979 | 0.970 | 0.958 | 0.946 | 0.932 | 0.922 | 0.911 | 0.898 | 0.889 | 0.878 | 0.868 | 0.862 | 0.857 | 0.853 | 0.851 | 0.851 |
|  | 49 | 1.025 | 1.025 | 1.022 | 1.017 | 1.009 | 1.000 | 0.988 | 0.975 | 0.961 | 0.951 | 0.939 | 0.926 | 0.916 | 0.905 | 0.895 | 0.889 | 0.883 | 0.880 | 0.877 | 0.877 |
|  | 50 | 1.047 | 1.046 | 1.044 | 1.039 | 1.030 | 1.022 | 1.009 | 0.996 | 0.981 | 0.971 | 0.959 | 0.945 | 0.935 | 0.924 | 0.914 | 0.907 | 0.902 | 0.898 | 0.896 | 0.895 |

## e. Thursday closures

|  |  | Starting Sept 21 | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 14 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 7 \end{array}$ | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | Starting Aug 10 | Starting Aug 3 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 27 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 20 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 13 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 6 \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { June } 29 \end{aligned}$ | $\begin{aligned} & \text { Starting } \\ & \text { June } 22 \end{aligned}$ | Starting June 15 | Starting June 8 | $\begin{array}{r} \hline \text { Starting } \\ \text { Jun } 1 \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 25 \end{aligned}$ | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,075 | 74,935 | 74,584 | 73,986 | 73,442 | 72,462 | 71,465 | 70,490 | 69,663 | 68,903 | 67,939 | 67,217 | 66,510 | 65,682 | 65,088 | 64,775 | 64,515 | 64,369 | 64,300 |
|  | 35 | 0.666 | 0.666 | 0.665 | 0.662 | 0.656 | 0.651 | 0.643 | 0.634 | 0.626 | 0.618 | 0.612 | 0.603 | 0.597 | 0.591 | 0.583 | 0.578 | 0.575 | 0.573 | 0.571 | 0.571 |
|  | 36 | 0.705 | 0.705 | 0.704 | 0.700 | 0.695 | 0.690 | 0.681 | 0.671 | 0.662 | 0.654 | 0.647 | 0.638 | 0.632 | 0.625 | 0.617 | 0.612 | 0.608 | 0.606 | 0.605 | 0.604 |
|  | 37 | 0.728 | 0.728 | 0.726 | 0.723 | 0.717 | 0.712 | 0.703 | 0.693 | 0.684 | 0.676 | 0.668 | 0.659 | 0.652 | 0.645 | 0.637 | 0.631 | 0.628 | 0.626 | 0.624 | 0.623 |
|  | 38 | 0.763 | 0.762 | 0.761 | 0.757 | 0.751 | 0.746 | 0.736 | 0.726 | 0.716 | 0.708 | 0.700 | 0.690 | 0.683 | 0.676 | 0.668 | 0.661 | 0.658 | 0.655 | 0.654 | 0.653 |
|  | 39 | 0.788 | 0.788 | 0.786 | 0.783 | 0.776 | 0.771 | 0.761 | 0.750 | 0.740 | 0.731 | 0.723 | 0.713 | 0.706 | 0.699 | 0.690 | 0.683 | 0.680 | 0.677 | 0.676 | 0.675 |
|  | 40 | 0.810 | 0.810 | 0.808 | 0.804 | 0.798 | 0.792 | 0.782 | 0.771 | 0.761 | 0.751 | 0.743 | 0.733 | 0.726 | 0.718 | 0.709 | 0.702 | 0.699 | 0.696 | 0.694 | 0.693 |
|  | 41 | 0.836 | 0.835 | 0.833 | 0.830 | 0.823 | 0.817 | 0.806 | 0.795 | 0.784 | 0.775 | 0.767 | 0.756 | 0.748 | 0.741 | 0.731 | 0.724 | 0.721 | 0.718 | 0.716 | 0.715 |
|  | 42 | 0.854 | 0.853 | 0.851 | 0.847 | 0.841 | 0.834 | 0.823 | 0.812 | 0.801 | 0.792 | 0.783 | 0.772 | 0.764 | 0.756 | 0.747 | 0.740 | 0.736 | 0.733 | 0.731 | 0.731 |
|  | 43 | 0.873 | 0.872 | 0.870 | 0.866 | 0.859 | 0.853 | 0.842 | 0.830 | 0.819 | 0.809 | 0.800 | 0.789 | 0.782 | 0.773 | 0.764 | 0.756 | 0.752 | 0.749 | 0.748 | 0.747 |
|  | 44 | 0.900 | 0.899 | 0.898 | 0.893 | 0.886 | 0.880 | 0.868 | 0.856 | 0.845 | 0.835 | 0.825 | 0.814 | 0.806 | 0.798 | 0.788 | 0.780 | 0.776 | 0.773 | 0.771 | 0.770 |
|  | 45 | 0.930 | 0.929 | 0.927 | 0.923 | 0.915 | 0.909 | 0.897 | 0.884 | 0.873 | 0.862 | 0.853 | 0.841 | 0.833 | 0.824 | 0.814 | 0.806 | 0.802 | 0.798 | 0.796 | 0.795 |
|  | 46 | 0.950 | 0.949 | 0.947 | 0.943 | 0.935 | 0.928 | 0.916 | 0.903 | 0.891 | 0.881 | 0.871 | 0.859 | 0.851 | 0.842 | 0.831 | 0.823 | 0.819 | 0.816 | 0.814 | 0.813 |
|  | 47 | 0.976 | 0.975 | 0.973 | 0.969 | 0.961 | 0.954 | 0.941 | 0.928 | 0.916 | 0.905 | 0.895 | 0.883 | 0.874 | 0.865 | 0.854 | 0.846 | 0.842 | 0.838 | 0.836 | 0.835 |
|  | 48 | 0.994 | 0.993 | 0.991 | 0.987 | 0.979 | 0.971 | 0.959 | 0.945 | 0.933 | 0.922 | 0.912 | 0.899 | 0.890 | 0.881 | 0.870 | 0.862 | 0.857 | 0.854 | 0.851 | 0.850 |
|  | 49 | 1.025 | 1.024 | 1.022 | 1.018 | 1.009 | 1.002 | 0.989 | 0.975 | 0.962 | 0.951 | 0.940 | 0.927 | 0.918 | 0.909 | 0.897 | 0.889 | 0.884 | 0.880 | 0.878 | 0.877 |
|  | 50 | 1.047 | 1.046 | 1.044 | 1.039 | 1.031 | 1.023 | 1.009 | 0.996 | 0.982 | 0.971 | 0.960 | 0.947 | 0.938 | 0.928 | 0.916 | 0.907 | 0.903 | 0.899 | 0.897 | 0.896 |

Table 2C.10. (continued)
f. Friday closures

|  |  | Starting Sept 22 | Starting Sept 15 | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 8 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sep } 1 \\ \hline \end{array}$ | Starting Aug 25 | Starting Aug 18 | Starting Aug 11 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 4 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 28 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 21 \\ \hline \end{array}$ | Starting July 14 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 7 \\ \hline \end{array}$ | Starting June 30 | Starting June 23 | Starting June 16 | $\begin{array}{r} \hline \text { Starting } \\ \text { June } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Jun } 2 \\ \hline \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 26 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 19 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,113 | 75,033 | 74,664 | 74,092 | 73,741 | 72,862 | 71,719 | 70,842 | 69,923 | 68,911 | 67,880 | 67,255 | 66,445 | 65,679 | 65,080 | 64,647 | 64,502 | 64,328 | 64,229 |
| $\underline{\square}$ | 35 | 0.666 | 0.666 | 0.666 | 0.662 | 0.657 | 0.654 | 0.646 | 0.636 | 0.628 | 0.620 | 0.611 | 0.602 | 0.597 | 0.589 | 0.583 | 0.577 | 0.573 | 0.572 | 0.570 | 0.569 |
|  | 36 | 0.705 | 0.705 | 0.704 | 0.701 | 0.696 | 0.692 | 0.684 | 0.673 | 0.665 | 0.657 | 0.647 | 0.637 | 0.632 | 0.624 | 0.617 | 0.611 | 0.607 | 0.606 | 0.604 | 0.603 |
|  | 37 | 0.728 | 0.728 | 0.727 | 0.724 | 0.718 | 0.715 | 0.706 | 0.695 | 0.687 | 0.678 | 0.668 | 0.658 | 0.652 | 0.644 | 0.637 | 0.631 | 0.627 | 0.625 | 0.623 | 0.622 |
|  | 38 | 0.763 | 0.763 | 0.762 | 0.758 | 0.752 | 0.749 | 0.740 | 0.728 | 0.719 | 0.710 | 0.700 | 0.689 | 0.683 | 0.675 | 0.667 | 0.661 | 0.656 | 0.655 | 0.653 | 0.652 |
|  | 39 | 0.788 | 0.788 | 0.787 | 0.784 | 0.778 | 0.774 | 0.764 | 0.753 | 0.743 | 0.734 | 0.723 | 0.712 | 0.706 | 0.698 | 0.690 | 0.683 | 0.678 | 0.677 | 0.675 | 0.674 |
|  | 40 | 0.810 | 0.810 | 0.809 | 0.805 | 0.799 | 0.795 | 0.786 | 0.773 | 0.764 | 0.754 | 0.743 | 0.732 | 0.726 | 0.717 | 0.709 | 0.702 | 0.697 | 0.696 | 0.694 | 0.692 |
|  | 41 | 0.836 | 0.836 | 0.835 | 0.830 | 0.824 | 0.820 | 0.810 | 0.798 | 0.788 | 0.778 | 0.767 | 0.755 | 0.748 | 0.739 | 0.731 | 0.724 | 0.719 | 0.717 | 0.715 | 0.714 |
|  | 42 | 0.854 | 0.853 | 0.852 | 0.848 | 0.842 | 0.838 | 0.827 | 0.815 | 0.805 | 0.794 | 0.783 | 0.771 | 0.764 | 0.755 | 0.747 | 0.740 | 0.734 | 0.733 | 0.731 | 0.729 |
|  | 43 | 0.873 | 0.873 | 0.871 | 0.867 | 0.861 | 0.856 | 0.846 | 0.833 | 0.823 | 0.812 | 0.800 | 0.789 | 0.781 | 0.772 | 0.763 | 0.756 | 0.751 | 0.749 | 0.747 | 0.746 |
|  | 44 | 0.900 | 0.900 | 0.899 | 0.894 | 0.887 | 0.883 | 0.872 | 0.859 | 0.848 | 0.837 | 0.825 | 0.813 | 0.806 | 0.796 | 0.787 | 0.780 | 0.774 | 0.773 | 0.770 | 0.769 |
|  | 45 | 0.930 | 0.930 | 0.928 | 0.924 | 0.917 | 0.912 | 0.901 | 0.887 | 0.876 | 0.865 | 0.853 | 0.840 | 0.833 | 0.823 | 0.813 | 0.806 | 0.800 | 0.798 | 0.796 | 0.794 |
|  | 46 | 0.950 | 0.950 | 0.948 | 0.944 | 0.937 | 0.932 | 0.920 | 0.906 | 0.895 | 0.884 | 0.871 | 0.858 | 0.851 | 0.841 | 0.831 | 0.823 | 0.817 | 0.815 | 0.813 | 0.812 |
|  | 47 | 0.976 | 0.976 | 0.975 | 0.970 | 0.962 | 0.957 | 0.946 | 0.931 | 0.920 | 0.908 | 0.895 | 0.882 | 0.874 | 0.864 | 0.854 | 0.846 | 0.840 | 0.838 | 0.835 | 0.834 |
|  | 48 | 0.994 | 0.994 | 0.993 | 0.988 | 0.980 | 0.975 | 0.963 | 0.949 | 0.937 | 0.925 | 0.912 | 0.898 | 0.890 | 0.880 | 0.870 | 0.862 | 0.855 | 0.853 | 0.851 | 0.849 |
|  | 49 | 1.025 | 1.025 | 1.024 | 1.019 | 1.011 | 1.006 | 0.993 | 0.978 | 0.966 | 0.954 | 0.940 | 0.926 | 0.918 | 0.907 | 0.897 | 0.888 | 0.882 | 0.880 | 0.877 | 0.876 |
|  | 50 | 1.047 | 1.047 | 1.045 | 1.040 | 1.032 | 1.027 | 1.014 | 0.999 | 0.987 | 0.974 | 0.960 | 0.946 | 0.937 | 0.926 | 0.916 | 0.907 | 0.901 | 0.899 | 0.896 | 0.894 |

## g. Saturday closures

|  |  | Starting Sept 23 | Starting Sept 16 | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 9 \end{array}$ | Starting Sep 2 | Starting Aug 26 | Starting Aug 19 | Starting Aug 12 | Starting Aug 5 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 29 \end{array}$ | Starting July 22 | Starting July 15 | Starting July 8 | Starting July 1 | Starting June 24 | Starting June 17 | Starting June 10 | Starting Jun 3 | Starting May 27 | Starting May 20 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 75,136 | 75,105 | 75,028 | 74,776 | 74,307 | 73,772 | 73,072 | 72,108 | 71,160 | 70,303 | 69,310 | 68,401 | 67,635 | 66,827 | 66,239 | 65,660 | 65,269 | 65,066 | 64,889 | 64,792 |
|  | 35 | 0.666 | 0.666 | 0.666 | 0.663 | 0.659 | 0.654 | 0.648 | 0.640 | 0.631 | 0.624 | 0.615 | 0.607 | 0.600 | 0.593 | 0.588 | 0.583 | 0.579 | 0.577 | 0.576 | 0.575 |
|  | 36 | 0.705 | 0.705 | 0.704 | 0.702 | 0.698 | 0.693 | 0.686 | 0.677 | 0.668 | 0.660 | 0.651 | 0.643 | 0.636 | 0.628 | 0.623 | 0.617 | 0.613 | 0.611 | 0.609 | 0.608 |
|  | 37 | 0.728 | 0.728 | 0.727 | 0.725 | 0.720 | 0.715 | 0.708 | 0.699 | 0.690 | 0.682 | 0.672 | 0.664 | 0.656 | 0.649 | 0.643 | 0.637 | 0.633 | 0.631 | 0.629 | 0.628 |
|  | 38 | 0.763 | 0.763 | 0.762 | 0.759 | 0.755 | 0.749 | 0.742 | 0.732 | 0.723 | 0.714 | 0.704 | 0.695 | 0.688 | 0.679 | 0.673 | 0.667 | 0.663 | 0.661 | 0.659 | 0.658 |
|  | 39 | 0.788 | 0.788 | 0.787 | 0.785 | 0.780 | 0.774 | 0.767 | 0.757 | 0.747 | 0.738 | 0.728 | 0.718 | 0.711 | 0.702 | 0.696 | 0.690 | 0.686 | 0.683 | 0.681 | 0.680 |
|  | 40 | 0.810 | 0.810 | 0.809 | 0.807 | 0.801 | 0.796 | 0.788 | 0.778 | 0.768 | 0.759 | 0.748 | 0.739 | 0.730 | 0.722 | 0.715 | 0.709 | 0.705 | 0.702 | 0.700 | 0.699 |
|  | 41 | 0.836 | 0.835 | 0.835 | 0.832 | 0.827 | 0.821 | 0.813 | 0.802 | 0.792 | 0.782 | 0.772 | 0.762 | 0.753 | 0.744 | 0.738 | 0.731 | 0.727 | 0.725 | 0.722 | 0.721 |
|  | 42 | 0.854 | 0.853 | 0.853 | 0.850 | 0.844 | 0.838 | 0.830 | 0.820 | 0.809 | 0.799 | 0.788 | 0.778 | 0.770 | 0.761 | 0.754 | 0.747 | 0.743 | 0.740 | 0.738 | 0.737 |
|  | 43 | 0.873 | 0.872 | 0.872 | 0.869 | 0.863 | 0.857 | 0.849 | 0.838 | 0.827 | 0.817 | 0.806 | 0.796 | 0.787 | 0.778 | 0.771 | 0.764 | 0.759 | 0.757 | 0.755 | 0.753 |
|  | 44 | 0.900 | 0.900 | 0.899 | 0.896 | 0.890 | 0.884 | 0.875 | 0.864 | 0.853 | 0.843 | 0.831 | 0.821 | 0.812 | 0.802 | 0.795 | 0.788 | 0.783 | 0.781 | 0.778 | 0.777 |
|  | 45 | 0.930 | 0.929 | 0.929 | 0.925 | 0.920 | 0.913 | 0.904 | 0.893 | 0.881 | 0.871 | 0.859 | 0.848 | 0.839 | 0.829 | 0.821 | 0.814 | 0.809 | 0.806 | 0.804 | 0.803 |
|  | 46 | 0.950 | 0.950 | 0.949 | 0.945 | 0.939 | 0.932 | 0.924 | 0.912 | 0.900 | 0.889 | 0.877 | 0.866 | 0.857 | 0.847 | 0.839 | 0.832 | 0.827 | 0.824 | 0.821 | 0.820 |
|  | 47 | 0.976 | 0.976 | 0.975 | 0.971 | 0.965 | 0.958 | 0.949 | 0.937 | 0.925 | 0.914 | 0.902 | 0.890 | 0.880 | 0.870 | 0.863 | 0.855 | 0.849 | 0.847 | 0.844 | 0.843 |
|  | 48 | 0.994 | 0.994 | 0.993 | 0.990 | 0.983 | 0.976 | 0.967 | 0.955 | 0.942 | 0.931 | 0.918 | 0.907 | 0.897 | 0.886 | 0.879 | 0.871 | 0.865 | 0.862 | 0.860 | 0.858 |
|  | 49 | 1.025 | 1.025 | 1.024 | 1.020 | 1.014 | 1.006 | 0.997 | 0.984 | 0.972 | 0.960 | 0.947 | 0.935 | 0.925 | 0.914 | 0.906 | 0.898 | 0.892 | 0.889 | 0.887 | 0.885 |
|  | 50 | 1.047 | 1.047 | 1.046 | 1.042 | 1.035 | 1.028 | 1.018 | 1.005 | 0.992 | 0.980 | 0.967 | 0.955 | 0.945 | 0.933 | 0.925 | 0.917 | 0.911 | 0.908 | 0.906 | 0.904 |

Table 2C.11. Projected charter removals (Mlb) and harvest for Area 2C in 2023 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with days closed throughout the season and a two fish annual limit. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.
a. Sunday closures and $\mathbf{2}$ fish limit

|  |  | Starting Sept 17 | Starting Sept 10 | Starting <br> Sept 03 | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | Starting Aug 6 | Starting July 30 | Starting July 23 | Starting July 16 | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 2 \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 28 \\ & \hline \end{aligned}$ | Starting May 21 | Starting May 14 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,774 | 59,592 | 59,227 | 58,693 | 58,404 | 57,624 | 56,914 | 56,275 | 55,619 | 54,850 | 54,213 | 53,639 | 53,094 | 52,653 | 52,330 | 52,130 | 51,920 | 51,804 | 51,768 |
|  | 35 | 0.529 | 0.529 | 0.527 | 0.524 | 0.520 | 0.517 | 0.510 | 0.504 | 0.498 | 0.493 | 0.486 | 0.481 | 0.476 | 0.471 | 0.467 | 0.464 | 0.462 | 0.460 | 0.459 | 0.459 |
|  | 36 | 0.561 | 0.560 | 0.559 | 0.555 | 0.550 | 0.548 | 0.541 | 0.534 | 0.528 | 0.522 | 0.515 | 0.509 | 0.504 | 0.499 | 0.495 | 0.492 | 0.490 | 0.488 | 0.486 | 0.486 |
|  | 37 | 0.579 | 0.579 | 0.577 | 0.574 | 0.568 | 0.566 | 0.558 | 0.551 | 0.545 | 0.539 | 0.532 | 0.526 | 0.521 | 0.515 | 0.511 | 0.508 | 0.506 | 0.504 | 0.503 | 0.502 |
|  | 38 | 0.607 | 0.606 | 0.605 | 0.601 | 0.596 | 0.593 | 0.585 | 0.578 | 0.572 | 0.565 | 0.557 | 0.551 | 0.546 | 0.540 | 0.536 | 0.532 | 0.530 | 0.528 | 0.527 | 0.526 |
|  | 39 | 0.627 | 0.627 | 0.625 | 0.621 | 0.616 | 0.613 | 0.605 | 0.597 | 0.591 | 0.584 | 0.576 | 0.570 | 0.564 | 0.558 | 0.554 | 0.550 | 0.548 | 0.546 | 0.544 | 0.544 |
|  | 40 | 0.645 | 0.645 | 0.643 | 0.639 | 0.633 | 0.630 | 0.622 | 0.614 | 0.608 | 0.601 | 0.593 | 0.586 | 0.580 | 0.574 | 0.570 | 0.566 | 0.564 | 0.561 | 0.560 | 0.560 |
|  | 41 | 0.666 | 0.665 | 0.663 | 0.659 | 0.653 | 0.650 | 0.642 | 0.634 | 0.627 | 0.620 | 0.611 | 0.605 | 0.599 | 0.593 | 0.588 | 0.584 | 0.582 | 0.579 | 0.578 | 0.578 |
|  | 42 | 0.680 | 0.679 | 0.677 | 0.673 | 0.667 | 0.664 | 0.656 | 0.648 | 0.641 | 0.633 | 0.625 | 0.618 | 0.612 | 0.606 | 0.601 | 0.597 | 0.594 | 0.592 | 0.590 | 0.590 |
|  | 43 | 0.695 | 0.695 | 0.693 | 0.688 | 0.682 | 0.679 | 0.670 | 0.662 | 0.655 | 0.648 | 0.639 | 0.632 | 0.625 | 0.619 | 0.614 | 0.610 | 0.608 | 0.605 | 0.604 | 0.603 |
|  | 44 | 0.717 | 0.717 | 0.714 | 0.710 | 0.704 | 0.701 | 0.692 | 0.683 | 0.676 | 0.668 | 0.659 | 0.652 | 0.645 | 0.639 | 0.634 | 0.630 | 0.627 | 0.625 | 0.623 | 0.623 |
|  | 45 | 0.741 | 0.740 | 0.738 | 0.734 | 0.727 | 0.724 | 0.714 | 0.706 | 0.698 | 0.690 | 0.681 | 0.674 | 0.667 | 0.660 | 0.655 | 0.651 | 0.648 | 0.645 | 0.644 | 0.643 |
|  | 46 | 0.757 | 0.756 | 0.754 | 0.750 | 0.743 | 0.740 | 0.730 | 0.721 | 0.713 | 0.705 | 0.696 | 0.688 | 0.682 | 0.675 | 0.669 | 0.665 | 0.662 | 0.659 | 0.658 | 0.657 |
|  | 47 | 0.778 | 0.778 | 0.775 | 0.771 | 0.764 | 0.760 | 0.750 | 0.741 | 0.733 | 0.725 | 0.715 | 0.708 | 0.701 | 0.694 | 0.688 | 0.684 | 0.681 | 0.678 | 0.676 | 0.676 |
|  | 48 | 0.793 | 0.792 | 0.790 | 0.785 | 0.778 | 0.775 | 0.765 | 0.755 | 0.747 | 0.739 | 0.729 | 0.721 | 0.714 | 0.707 | 0.701 | 0.697 | 0.694 | 0.691 | 0.689 | 0.689 |
|  | 49 | 0.817 | 0.817 | 0.814 | 0.809 | 0.802 | 0.799 | 0.788 | 0.779 | 0.770 | 0.762 | 0.751 | 0.744 | 0.736 | 0.729 | 0.723 | 0.718 | 0.715 | 0.712 | 0.710 | 0.710 |
|  | 50 | 0.835 | 0.834 | 0.832 | 0.827 | 0.820 | 0.816 | 0.805 | 0.795 | 0.787 | 0.778 | 0.768 | 0.759 | 0.752 | 0.744 | 0.739 | 0.734 | 0.731 | 0.728 | 0.726 | 0.725 |

Table 2C.11. (continued)
b. Monday closures and 2 fish limit

|  |  | Starting Sept 18 | Starting Sept 11 | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | Starting Aug 7 | Starting July 31 | Starting July 24 | Starting July 17 | Starting July 10 | Starting July 3 | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | Starting <br> May 29 | Starting <br> May 22 | Starting May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,811 | 59,637 | 59,323 | 58,910 | 58,181 | 57,321 | 56,522 | 55,676 | 54,854 | 54,011 | 53,272 | 52,732 | 52,045 | 51,561 | 51,256 | 50,984 | 50,762 | 50,633 | 50,608 |
| O | 35 | 0.529 | 0.529 | 0.528 | 0.525 | 0.521 | 0.515 | 0.507 | 0.500 | 0.493 | 0.486 | 0.478 | 0.472 | 0.467 | 0.461 | 0.457 | 0.454 | 0.451 | 0.449 | 0.448 | 0.448 |
|  | 36 | 0.561 | 0.561 | 0.559 | 0.556 | 0.552 | 0.545 | 0.537 | 0.530 | 0.522 | 0.514 | 0.507 | 0.500 | 0.495 | 0.488 | 0.484 | 0.481 | 0.478 | 0.476 | 0.475 | 0.475 |
|  | 37 | 0.579 | 0.579 | 0.577 | 0.574 | 0.570 | 0.563 | 0.555 | 0.547 | 0.539 | 0.531 | 0.523 | 0.516 | 0.511 | 0.504 | 0.500 | 0.497 | 0.494 | 0.492 | 0.490 | 0.490 |
|  | 38 | 0.607 | 0.607 | 0.605 | 0.602 | 0.598 | 0.590 | 0.582 | 0.574 | 0.565 | 0.557 | 0.549 | 0.541 | 0.536 | 0.529 | 0.524 | 0.521 | 0.518 | 0.515 | 0.514 | 0.514 |
|  | 39 | 0.627 | 0.627 | 0.625 | 0.622 | 0.618 | 0.610 | 0.601 | 0.593 | 0.584 | 0.576 | 0.567 | 0.560 | 0.554 | 0.547 | 0.541 | 0.538 | 0.535 | 0.533 | 0.531 | 0.531 |
|  | 40 | 0.645 | 0.645 | 0.643 | 0.640 | 0.635 | 0.627 | 0.618 | 0.610 | 0.601 | 0.592 | 0.583 | 0.575 | 0.570 | 0.562 | 0.557 | 0.553 | 0.550 | 0.548 | 0.546 | 0.546 |
|  | 41 | 0.666 | 0.665 | 0.663 | 0.660 | 0.655 | 0.647 | 0.638 | 0.629 | 0.620 | 0.611 | 0.602 | 0.594 | 0.588 | 0.580 | 0.575 | 0.571 | 0.568 | 0.565 | 0.564 | 0.563 |
|  | 42 | 0.680 | 0.680 | 0.678 | 0.674 | 0.670 | 0.661 | 0.652 | 0.643 | 0.633 | 0.624 | 0.615 | 0.607 | 0.601 | 0.593 | 0.587 | 0.583 | 0.580 | 0.577 | 0.576 | 0.576 |
|  | 43 | 0.695 | 0.695 | 0.693 | 0.689 | 0.685 | 0.676 | 0.666 | 0.657 | 0.647 | 0.638 | 0.629 | 0.620 | 0.614 | 0.606 | 0.600 | 0.597 | 0.593 | 0.590 | 0.589 | 0.589 |
|  | 44 | 0.717 | 0.717 | 0.715 | 0.711 | 0.706 | 0.698 | 0.687 | 0.678 | 0.668 | 0.658 | 0.649 | 0.640 | 0.634 | 0.625 | 0.619 | 0.615 | 0.612 | 0.609 | 0.608 | 0.607 |
|  | 45 | 0.741 | 0.741 | 0.739 | 0.735 | 0.730 | 0.721 | 0.710 | 0.701 | 0.690 | 0.680 | 0.670 | 0.661 | 0.655 | 0.646 | 0.640 | 0.636 | 0.632 | 0.629 | 0.628 | 0.627 |
|  | 46 | 0.757 | 0.757 | 0.755 | 0.751 | 0.745 | 0.736 | 0.726 | 0.716 | 0.705 | 0.695 | 0.685 | 0.676 | 0.669 | 0.660 | 0.654 | 0.650 | 0.646 | 0.643 | 0.641 | 0.641 |
|  | 47 | 0.778 | 0.778 | 0.776 | 0.772 | 0.766 | 0.757 | 0.746 | 0.736 | 0.725 | 0.714 | 0.704 | 0.695 | 0.688 | 0.679 | 0.672 | 0.668 | 0.664 | 0.661 | 0.659 | 0.659 |
|  | 48 | 0.793 | 0.793 | 0.790 | 0.786 | 0.781 | 0.771 | 0.760 | 0.750 | 0.739 | 0.728 | 0.717 | 0.708 | 0.701 | 0.692 | 0.685 | 0.681 | 0.677 | 0.674 | 0.672 | 0.671 |
|  | 49 | 0.817 | 0.817 | 0.815 | 0.811 | 0.805 | 0.795 | 0.784 | 0.773 | 0.761 | 0.750 | 0.740 | 0.730 | 0.722 | 0.713 | 0.706 | 0.702 | 0.698 | 0.694 | 0.692 | 0.692 |
|  | 50 | 0.835 | 0.834 | 0.832 | 0.828 | 0.822 | 0.812 | 0.800 | 0.789 | 0.778 | 0.766 | 0.755 | 0.745 | 0.738 | 0.728 | 0.721 | 0.717 | 0.713 | 0.709 | 0.707 | 0.707 |

c. Tuesday closures and 2 fish limit

|  |  | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 19 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 12 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 5 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 29 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 22 \\ \hline \end{array}$ | Starting Aug 15 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 8 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 1 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 25 \\ \hline \end{array}$ | Starting July 18 | Starting July 11 | Starting July 4 | $\begin{aligned} & \hline \text { Starting } \\ & \text { June } 27 \\ & \hline \end{aligned}$ | Starting June 20 | Starting June 13 | Starting June 6 | $\begin{gathered} \hline \text { Starting } \\ \text { May } 30 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 23 \\ & \hline \end{aligned}$ | Starting May 16 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,798 | 59,619 | 59,303 | 58,839 | 58,337 | 57,541 | 56,718 | 55,877 | 55,156 | 54,478 | 53,699 | 53,165 | 52,493 | 52,036 | 51,867 | 51,626 | 51,473 | 51,416 | 51,387 |
|  | 35 | 0.529 | 0.529 | 0.528 | 0.525 | 0.521 | 0.516 | 0.509 | 0.502 | 0.494 | 0.488 | 0.482 | 0.475 | 0.470 | 0.464 | 0.460 | 0.459 | 0.456 | 0.455 | 0.454 | 0.454 |
|  | 36 | 0.561 | 0.560 | 0.559 | 0.556 | 0.552 | 0.547 | 0.539 | 0.532 | 0.523 | 0.517 | 0.510 | 0.503 | 0.498 | 0.492 | 0.488 | 0.486 | 0.484 | 0.482 | 0.481 | 0.481 |
|  | 37 | 0.579 | 0.579 | 0.577 | 0.574 | 0.570 | 0.565 | 0.557 | 0.549 | 0.541 | 0.534 | 0.527 | 0.520 | 0.515 | 0.508 | 0.504 | 0.502 | 0.499 | 0.498 | 0.497 | 0.497 |
|  | 38 | 0.607 | 0.607 | 0.605 | 0.602 | 0.597 | 0.592 | 0.584 | 0.575 | 0.567 | 0.559 | 0.552 | 0.545 | 0.539 | 0.532 | 0.528 | 0.526 | 0.523 | 0.522 | 0.521 | 0.521 |
|  | 39 | 0.627 | 0.627 | 0.625 | 0.622 | 0.617 | 0.612 | 0.603 | 0.595 | 0.586 | 0.578 | 0.571 | 0.563 | 0.557 | 0.550 | 0.546 | 0.544 | 0.541 | 0.539 | 0.539 | 0.538 |
|  | 40 | 0.645 | 0.645 | 0.643 | 0.639 | 0.634 | 0.629 | 0.620 | 0.611 | 0.602 | 0.594 | 0.587 | 0.579 | 0.573 | 0.566 | 0.561 | 0.559 | 0.556 | 0.554 | 0.554 | 0.553 |
|  | 41 | 0.666 | 0.665 | 0.663 | 0.660 | 0.655 | 0.649 | 0.640 | 0.631 | 0.621 | 0.613 | 0.606 | 0.597 | 0.591 | 0.584 | 0.579 | 0.577 | 0.574 | 0.572 | 0.571 | 0.571 |
|  | 42 | 0.680 | 0.680 | 0.678 | 0.674 | 0.669 | 0.663 | 0.654 | 0.644 | 0.635 | 0.626 | 0.619 | 0.610 | 0.604 | 0.596 | 0.591 | 0.589 | 0.586 | 0.584 | 0.584 | 0.583 |
|  | 43 | 0.695 | 0.695 | 0.693 | 0.689 | 0.684 | 0.677 | 0.668 | 0.659 | 0.649 | 0.640 | 0.633 | 0.623 | 0.617 | 0.610 | 0.604 | 0.602 | 0.599 | 0.597 | 0.596 | 0.596 |
|  | 44 | 0.717 | 0.717 | 0.715 | 0.711 | 0.705 | 0.699 | 0.689 | 0.680 | 0.669 | 0.661 | 0.653 | 0.643 | 0.637 | 0.629 | 0.623 | 0.621 | 0.618 | 0.616 | 0.615 | 0.615 |
|  | 45 | 0.741 | 0.741 | 0.738 | 0.735 | 0.729 | 0.722 | 0.712 | 0.702 | 0.691 | 0.682 | 0.674 | 0.665 | 0.658 | 0.650 | 0.644 | 0.642 | 0.639 | 0.637 | 0.636 | 0.635 |
|  | 46 | 0.757 | 0.757 | 0.755 | 0.751 | 0.744 | 0.738 | 0.728 | 0.717 | 0.706 | 0.697 | 0.689 | 0.679 | 0.672 | 0.664 | 0.658 | 0.656 | 0.652 | 0.650 | 0.650 | 0.649 |
|  | 47 | 0.778 | 0.778 | 0.776 | 0.771 | 0.765 | 0.758 | 0.748 | 0.737 | 0.726 | 0.717 | 0.708 | 0.698 | 0.691 | 0.683 | 0.677 | 0.674 | 0.671 | 0.668 | 0.668 | 0.667 |
|  | 48 | 0.793 | 0.793 | 0.790 | 0.786 | 0.780 | 0.772 | 0.762 | 0.751 | 0.740 | 0.730 | 0.722 | 0.711 | 0.704 | 0.696 | 0.689 | 0.687 | 0.683 | 0.681 | 0.680 | 0.680 |
|  | 49 | 0.817 | 0.817 | 0.815 | 0.810 | 0.804 | 0.796 | 0.786 | 0.775 | 0.763 | 0.753 | 0.744 | 0.733 | 0.726 | 0.717 | 0.711 | 0.708 | 0.704 | 0.702 | 0.701 | 0.701 |
|  | 50 | 0.835 | 0.834 | 0.832 | 0.827 | 0.821 | 0.813 | 0.802 | 0.791 | 0.779 | 0.769 | 0.759 | 0.749 | 0.741 | 0.732 | 0.726 | 0.723 | 0.719 | 0.717 | 0.716 | 0.716 |

Table 2C.11. (continued)
d. Wednesday closures and 2 fish limit

|  |  | Starting Sept 20 | Starting Sept 13 | Starting Sept 6 | Starting Aug 30 | Starting Aug 23 | Starting Aug 16 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 2 \\ \hline \end{array}$ | Starting July 26 | Starting July 19 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 12 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 5 \\ \hline \end{array}$ | Starting June 28 | Starting June 21 | Starting June 14 | Starting June 7 | Starting May 31 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 24 \\ & \hline \end{aligned}$ | Starting May 17 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,801 | 59,660 | 59,385 | 58,917 | 58,436 | 57,690 | 56,987 | 56,164 | 55,586 | 54,878 | 54,106 | 53,534 | 52,884 | 52,323 | 51,982 | 51,706 | 51,508 | 51,381 | 51,367 |
|  | 35 | 0.529 | 0.529 | 0.528 | 0.525 | 0.521 | 0.517 | 0.510 | 0.504 | 0.497 | 0.491 | 0.485 | 0.478 | 0.473 | 0.468 | 0.462 | 0.459 | 0.457 | 0.455 | 0.454 | 0.454 |
|  | 36 | 0.561 | 0.561 | 0.559 | 0.557 | 0.552 | 0.548 | 0.541 | 0.534 | 0.526 | 0.521 | 0.514 | 0.507 | 0.502 | 0.495 | 0.490 | 0.487 | 0.484 | 0.482 | 0.481 | 0.481 |
|  | 37 | 0.579 | 0.579 | 0.577 | 0.575 | 0.570 | 0.565 | 0.558 | 0.551 | 0.543 | 0.538 | 0.531 | 0.523 | 0.518 | 0.512 | 0.506 | 0.503 | 0.500 | 0.498 | 0.497 | 0.496 |
|  | 38 | 0.607 | 0.607 | 0.605 | 0.602 | 0.598 | 0.593 | 0.585 | 0.578 | 0.569 | 0.563 | 0.556 | 0.548 | 0.543 | 0.536 | 0.530 | 0.527 | 0.524 | 0.522 | 0.520 | 0.520 |
|  | 39 | 0.627 | 0.627 | 0.626 | 0.623 | 0.618 | 0.613 | 0.605 | 0.597 | 0.589 | 0.582 | 0.575 | 0.567 | 0.561 | 0.554 | 0.548 | 0.545 | 0.541 | 0.539 | 0.538 | 0.538 |
|  | 40 | 0.645 | 0.645 | 0.643 | 0.640 | 0.635 | 0.630 | 0.622 | 0.614 | 0.605 | 0.599 | 0.591 | 0.583 | 0.577 | 0.570 | 0.564 | 0.560 | 0.557 | 0.554 | 0.553 | 0.553 |
|  | 41 | 0.666 | 0.665 | 0.664 | 0.661 | 0.655 | 0.650 | 0.642 | 0.634 | 0.624 | 0.618 | 0.610 | 0.601 | 0.595 | 0.588 | 0.582 | 0.577 | 0.574 | 0.572 | 0.570 | 0.570 |
|  | 42 | 0.680 | 0.680 | 0.678 | 0.675 | 0.669 | 0.664 | 0.655 | 0.647 | 0.638 | 0.631 | 0.623 | 0.614 | 0.608 | 0.600 | 0.594 | 0.590 | 0.586 | 0.584 | 0.582 | 0.582 |
|  | 43 | 0.695 | 0.695 | 0.693 | 0.690 | 0.684 | 0.679 | 0.670 | 0.662 | 0.652 | 0.645 | 0.637 | 0.628 | 0.621 | 0.614 | 0.607 | 0.603 | 0.599 | 0.597 | 0.595 | 0.595 |
|  | 44 | 0.717 | 0.717 | 0.715 | 0.712 | 0.706 | 0.700 | 0.691 | 0.683 | 0.673 | 0.665 | 0.657 | 0.648 | 0.641 | 0.633 | 0.626 | 0.622 | 0.618 | 0.616 | 0.614 | 0.614 |
|  | 45 | 0.741 | 0.741 | 0.739 | 0.735 | 0.729 | 0.723 | 0.714 | 0.705 | 0.695 | 0.688 | 0.679 | 0.669 | 0.662 | 0.654 | 0.647 | 0.643 | 0.639 | 0.636 | 0.635 | 0.634 |
|  | 46 | 0.757 | 0.757 | 0.755 | 0.751 | 0.745 | 0.739 | 0.730 | 0.721 | 0.710 | 0.702 | 0.694 | 0.684 | 0.677 | 0.669 | 0.661 | 0.657 | 0.653 | 0.650 | 0.648 | 0.648 |
|  | 47 | 0.778 | 0.778 | 0.776 | 0.772 | 0.766 | 0.759 | 0.750 | 0.741 | 0.730 | 0.722 | 0.713 | 0.703 | 0.696 | 0.687 | 0.680 | 0.675 | 0.671 | 0.668 | 0.666 | 0.666 |
|  | 48 | 0.793 | 0.793 | 0.790 | 0.787 | 0.780 | 0.774 | 0.764 | 0.755 | 0.743 | 0.736 | 0.726 | 0.716 | 0.709 | 0.700 | 0.693 | 0.688 | 0.684 | 0.681 | 0.679 | 0.679 |
|  | 49 | 0.817 | 0.817 | 0.815 | 0.811 | 0.805 | 0.798 | 0.788 | 0.778 | 0.766 | 0.758 | 0.749 | 0.738 | 0.731 | 0.722 | 0.714 | 0.709 | 0.705 | 0.702 | 0.700 | 0.699 |
|  | 50 | 0.835 | 0.834 | 0.832 | 0.828 | 0.822 | 0.815 | 0.804 | 0.794 | 0.783 | 0.774 | 0.764 | 0.754 | 0.746 | 0.737 | 0.729 | 0.723 | 0.719 | 0.716 | 0.714 | 0.714 |

## e. Thursday closures and 2 fish limit

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 21 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { Sept } 14 \\ \hline \end{array}$ | Starting Sept 7 | Starting Aug 31 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 24 \end{array}$ | Starting <br> Aug 17 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 10 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 3 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 27 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 20 \\ \hline \end{array}$ | Starting July 13 | $\begin{array}{r} \text { Starting } \\ \text { July } 6 \\ \hline \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { June } 29 \end{aligned}$ | Starting June 22 | Starting June 15 | Starting June 8 | $\begin{array}{r} \text { Starting } \\ \text { Jun } 1 \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 25 \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 18 \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,776 | 59,664 | 59,382 | 58,906 | 58,471 | 57,685 | 56,887 | 56,113 | 55,457 | 54,845 | 54,082 | 53,506 | 52,945 | 52,289 | 51,822 | 51,571 | 51,362 | 51,248 | 51,190 |
|  | 35 | 0.529 | 0.529 | 0.528 | 0.525 | 0.521 | 0.517 | 0.511 | 0.503 | 0.497 | 0.491 | 0.486 | 0.479 | 0.474 | 0.469 | 0.463 | 0.459 | 0.457 | 0.455 | 0.454 | 0.453 |
|  | 36 | 0.561 | 0.560 | 0.559 | 0.557 | 0.552 | 0.548 | 0.541 | 0.533 | 0.526 | 0.520 | 0.514 | 0.507 | 0.502 | 0.497 | 0.491 | 0.486 | 0.484 | 0.482 | 0.480 | 0.480 |
|  | 37 | 0.579 | 0.579 | 0.578 | 0.575 | 0.570 | 0.566 | 0.559 | 0.551 | 0.543 | 0.537 | 0.531 | 0.524 | 0.519 | 0.513 | 0.507 | 0.502 | 0.499 | 0.497 | 0.496 | 0.496 |
|  | 38 | 0.607 | 0.606 | 0.605 | 0.602 | 0.598 | 0.593 | 0.585 | 0.577 | 0.570 | 0.563 | 0.557 | 0.549 | 0.543 | 0.538 | 0.531 | 0.526 | 0.523 | 0.521 | 0.520 | 0.519 |
|  | 39 | 0.627 | 0.627 | 0.626 | 0.623 | 0.618 | 0.613 | 0.605 | 0.597 | 0.589 | 0.582 | 0.575 | 0.567 | 0.562 | 0.556 | 0.549 | 0.544 | 0.541 | 0.539 | 0.538 | 0.537 |
|  | 40 | 0.645 | 0.645 | 0.643 | 0.640 | 0.635 | 0.630 | 0.622 | 0.613 | 0.605 | 0.598 | 0.592 | 0.583 | 0.577 | 0.571 | 0.564 | 0.559 | 0.556 | 0.554 | 0.553 | 0.552 |
|  | 41 | 0.666 | 0.665 | 0.664 | 0.661 | 0.655 | 0.650 | 0.642 | 0.633 | 0.625 | 0.617 | 0.610 | 0.602 | 0.596 | 0.590 | 0.582 | 0.577 | 0.574 | 0.571 | 0.570 | 0.569 |
|  | 42 | 0.680 | 0.679 | 0.678 | 0.675 | 0.669 | 0.664 | 0.656 | 0.647 | 0.638 | 0.630 | 0.623 | 0.615 | 0.609 | 0.602 | 0.595 | 0.589 | 0.586 | 0.584 | 0.582 | 0.582 |
|  | 43 | 0.695 | 0.695 | 0.693 | 0.690 | 0.684 | 0.679 | 0.670 | 0.661 | 0.652 | 0.644 | 0.637 | 0.629 | 0.622 | 0.616 | 0.608 | 0.602 | 0.599 | 0.597 | 0.595 | 0.595 |
|  | 44 | 0.717 | 0.717 | 0.715 | 0.712 | 0.706 | 0.701 | 0.691 | 0.682 | 0.673 | 0.665 | 0.657 | 0.648 | 0.642 | 0.635 | 0.627 | 0.621 | 0.618 | 0.616 | 0.614 | 0.613 |
|  | 45 | 0.741 | 0.740 | 0.739 | 0.735 | 0.729 | 0.724 | 0.714 | 0.705 | 0.695 | 0.687 | 0.679 | 0.670 | 0.663 | 0.656 | 0.648 | 0.642 | 0.639 | 0.636 | 0.635 | 0.634 |
|  | 46 | 0.757 | 0.757 | 0.755 | 0.751 | 0.745 | 0.740 | 0.730 | 0.720 | 0.710 | 0.702 | 0.694 | 0.685 | 0.678 | 0.671 | 0.663 | 0.656 | 0.653 | 0.650 | 0.648 | 0.648 |
|  | 47 | 0.778 | 0.778 | 0.776 | 0.772 | 0.766 | 0.760 | 0.750 | 0.740 | 0.730 | 0.721 | 0.713 | 0.704 | 0.697 | 0.689 | 0.681 | 0.674 | 0.671 | 0.668 | 0.666 | 0.666 |
|  | 48 | 0.793 | 0.792 | 0.791 | 0.787 | 0.780 | 0.775 | 0.764 | 0.754 | 0.744 | 0.735 | 0.727 | 0.717 | 0.710 | 0.702 | 0.694 | 0.687 | 0.683 | 0.681 | 0.679 | 0.678 |
|  | 49 | 0.817 | 0.817 | 0.815 | 0.811 | 0.805 | 0.799 | 0.788 | 0.777 | 0.767 | 0.758 | 0.749 | 0.739 | 0.732 | 0.724 | 0.715 | 0.708 | 0.705 | 0.702 | 0.700 | 0.699 |
|  | 50 | 0.835 | 0.834 | 0.832 | 0.828 | 0.822 | 0.815 | 0.805 | 0.794 | 0.783 | 0.774 | 0.765 | 0.755 | 0.747 | 0.740 | 0.731 | 0.723 | 0.720 | 0.717 | 0.715 | 0.714 |

Table 2C.11. (continued)
f. Friday closures and 2 fish limit

|  |  | Starting $\text { Sept } 22$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 15 \\ \hline \end{array}$ | Starting Sept 8 | $\begin{array}{r} \text { Starting } \\ \text { Sep } 1 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 25 \\ \hline \end{array}$ | Starting Aug 18 | Starting Aug 11 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 4 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 28 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 21 \\ \hline \end{array}$ | Starting $\text { July } 14$ | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | Starting June 30 | Starting June 23 | Starting June 16 | Starting | $\begin{array}{r} \text { Starting } \\ \text { Jun 2 } \\ \hline \end{array}$ | Starting <br> May 26 | Starting $\text { May } 19$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,810 | 59,746 | 59,445 | 58,987 | 58,710 | 58,010 | 57,101 | 56,404 | 55,671 | 54,867 | 54,042 | 53,548 | 52,909 | 52,300 | 51,826 | 51,482 | 51,364 | 51,224 | 51,141 |
|  | 35 | 0.529 | 0.529 | 0.529 | 0.526 | 0.522 | 0.520 | 0.513 | 0.505 | 0.499 | 0.493 | 0.486 | 0.478 | 0.474 | 0.468 | 0.463 | 0.459 | 0.455 | 0.454 | 0.453 | 0.452 |
|  | 36 | 0.561 | 0.561 | 0.560 | 0.557 | 0.553 | 0.550 | 0.544 | 0.535 | 0.529 | 0.522 | 0.514 | 0.507 | 0.502 | 0.496 | 0.490 | 0.486 | 0.482 | 0.481 | 0.480 | 0.479 |
|  | 37 | 0.579 | 0.579 | 0.578 | 0.575 | 0.571 | 0.568 | 0.561 | 0.553 | 0.546 | 0.539 | 0.531 | 0.523 | 0.519 | 0.512 | 0.506 | 0.502 | 0.498 | 0.497 | 0.496 | 0.495 |
|  | 38 | 0.607 | 0.607 | 0.606 | 0.603 | 0.598 | 0.596 | 0.588 | 0.579 | 0.572 | 0.565 | 0.557 | 0.548 | 0.543 | 0.537 | 0.531 | 0.526 | 0.522 | 0.521 | 0.520 | 0.519 |
|  | 39 | 0.627 | 0.627 | 0.627 | 0.623 | 0.619 | 0.616 | 0.608 | 0.599 | 0.592 | 0.584 | 0.575 | 0.567 | 0.562 | 0.555 | 0.549 | 0.544 | 0.540 | 0.539 | 0.537 | 0.536 |
|  | 40 | 0.645 | 0.645 | 0.644 | 0.641 | 0.636 | 0.633 | 0.625 | 0.616 | 0.608 | 0.600 | 0.592 | 0.583 | 0.578 | 0.571 | 0.564 | 0.559 | 0.555 | 0.554 | 0.552 | 0.551 |
|  | 41 | 0.666 | 0.665 | 0.665 | 0.661 | 0.656 | 0.653 | 0.645 | 0.635 | 0.627 | 0.619 | 0.610 | 0.601 | 0.596 | 0.589 | 0.582 | 0.577 | 0.573 | 0.571 | 0.570 | 0.569 |
|  | 42 | 0.680 | 0.680 | 0.679 | 0.676 | 0.670 | 0.667 | 0.659 | 0.649 | 0.641 | 0.633 | 0.624 | 0.614 | 0.609 | 0.602 | 0.595 | 0.589 | 0.585 | 0.584 | 0.582 | 0.581 |
|  | 43 | 0.695 | 0.695 | 0.694 | 0.691 | 0.685 | 0.682 | 0.674 | 0.663 | 0.655 | 0.647 | 0.637 | 0.628 | 0.622 | 0.615 | 0.608 | 0.602 | 0.598 | 0.597 | 0.595 | 0.594 |
|  | 44 | 0.717 | 0.717 | 0.716 | 0.713 | 0.707 | 0.703 | 0.695 | 0.684 | 0.676 | 0.667 | 0.658 | 0.648 | 0.642 | 0.634 | 0.627 | 0.621 | 0.617 | 0.616 | 0.614 | 0.613 |
|  | 45 | 0.741 | 0.741 | 0.740 | 0.736 | 0.730 | 0.727 | 0.718 | 0.707 | 0.698 | 0.689 | 0.680 | 0.669 | 0.663 | 0.656 | 0.648 | 0.642 | 0.638 | 0.636 | 0.634 | 0.633 |
|  | 46 | 0.757 | 0.757 | 0.756 | 0.752 | 0.746 | 0.743 | 0.734 | 0.722 | 0.714 | 0.704 | 0.694 | 0.684 | 0.678 | 0.670 | 0.662 | 0.656 | 0.651 | 0.650 | 0.648 | 0.647 |
|  | 47 | 0.778 | 0.778 | 0.777 | 0.773 | 0.767 | 0.763 | 0.754 | 0.743 | 0.733 | 0.724 | 0.714 | 0.703 | 0.697 | 0.689 | 0.681 | 0.674 | 0.670 | 0.668 | 0.666 | 0.665 |
|  | 48 | 0.793 | 0.793 | 0.792 | 0.788 | 0.782 | 0.778 | 0.768 | 0.757 | 0.747 | 0.737 | 0.727 | 0.716 | 0.710 | 0.702 | 0.694 | 0.687 | 0.682 | 0.681 | 0.678 | 0.677 |
|  | 49 | 0.817 | 0.817 | 0.816 | 0.812 | 0.806 | 0.802 | 0.792 | 0.780 | 0.770 | 0.760 | 0.750 | 0.738 | 0.732 | 0.723 | 0.715 | 0.708 | 0.703 | 0.702 | 0.699 | 0.698 |
|  | 50 | 0.835 | 0.835 | 0.833 | 0.829 | 0.823 | 0.819 | 0.809 | 0.796 | 0.787 | 0.776 | 0.765 | 0.754 | 0.747 | 0.739 | 0.730 | 0.723 | 0.718 | 0.716 | 0.714 | 0.713 |

g. Saturday closures and 2 fish limit

|  |  | Starting Sept 23 | Starting Sept 16 | Starting Sept 9 | Starting Sept 2 | Starting Aug 26 | Starting Aug 19 | Starting Aug 12 | Starting Aug 5 | Starting July 29 | Starting July 22 | Starting July 15 | Starting July 8 | Starting July 1 | Starting June 24 | Starting June 17 | Starting June 10 | Starting June | Starting May 27 | Starting May 20 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 59,830 | 59,802 | 59,741 | 59,538 | 59,163 | 58,736 | 58,185 | 57,422 | 56,670 | 55,985 | 55,195 | 54,469 | 53,860 | 53,222 | 52,760 | 52,304 | 51,994 | 51,828 | 51,687 | 51,609 |
|  | 35 | 0.529 | 0.529 | 0.529 | 0.527 | 0.524 | 0.520 | 0.515 | 0.508 | 0.502 | 0.496 | 0.489 | 0.482 | 0.477 | 0.471 | 0.467 | 0.463 | 0.460 | 0.459 | 0.457 | 0.457 |
|  | 36 | 0.561 | 0.561 | 0.560 | 0.558 | 0.555 | 0.551 | 0.545 | 0.538 | 0.531 | 0.525 | 0.518 | 0.511 | 0.505 | 0.499 | 0.495 | 0.491 | 0.488 | 0.486 | 0.485 | 0.484 |
|  | 37 | 0.579 | 0.579 | 0.578 | 0.576 | 0.573 | 0.569 | 0.563 | 0.556 | 0.549 | 0.542 | 0.535 | 0.528 | 0.522 | 0.516 | 0.511 | 0.507 | 0.504 | 0.502 | 0.501 | 0.500 |
|  | 38 | 0.607 | 0.607 | 0.606 | 0.604 | 0.600 | 0.596 | 0.590 | 0.583 | 0.575 | 0.568 | 0.560 | 0.553 | 0.547 | 0.541 | 0.536 | 0.531 | 0.528 | 0.526 | 0.525 | 0.524 |
|  | 39 | 0.627 | 0.627 | 0.627 | 0.624 | 0.621 | 0.616 | 0.610 | 0.602 | 0.595 | 0.587 | 0.579 | 0.572 | 0.566 | 0.559 | 0.554 | 0.549 | 0.546 | 0.544 | 0.542 | 0.541 |
|  | 40 | 0.645 | 0.645 | 0.644 | 0.642 | 0.638 | 0.633 | 0.627 | 0.619 | 0.611 | 0.604 | 0.596 | 0.588 | 0.582 | 0.575 | 0.570 | 0.565 | 0.561 | 0.559 | 0.558 | 0.557 |
|  | 41 | 0.666 | 0.665 | 0.665 | 0.662 | 0.658 | 0.653 | 0.647 | 0.639 | 0.631 | 0.623 | 0.615 | 0.607 | 0.600 | 0.593 | 0.588 | 0.583 | 0.579 | 0.577 | 0.576 | 0.575 |
|  | 42 | 0.680 | 0.680 | 0.679 | 0.677 | 0.672 | 0.667 | 0.661 | 0.653 | 0.644 | 0.637 | 0.628 | 0.620 | 0.613 | 0.606 | 0.601 | 0.595 | 0.592 | 0.590 | 0.588 | 0.587 |
|  | 43 | 0.695 | 0.695 | 0.694 | 0.692 | 0.688 | 0.682 | 0.676 | 0.668 | 0.659 | 0.651 | 0.642 | 0.634 | 0.627 | 0.620 | 0.614 | 0.609 | 0.605 | 0.603 | 0.601 | 0.600 |
|  | 44 | 0.717 | 0.717 | 0.716 | 0.714 | 0.709 | 0.704 | 0.697 | 0.689 | 0.680 | 0.672 | 0.662 | 0.654 | 0.647 | 0.639 | 0.634 | 0.628 | 0.624 | 0.622 | 0.620 | 0.619 |
|  | 45 | 0.741 | 0.741 | 0.740 | 0.737 | 0.733 | 0.727 | 0.721 | 0.712 | 0.702 | 0.694 | 0.684 | 0.676 | 0.668 | 0.661 | 0.655 | 0.649 | 0.645 | 0.643 | 0.641 | 0.640 |
|  | 46 | 0.757 | 0.757 | 0.756 | 0.754 | 0.749 | 0.743 | 0.736 | 0.727 | 0.718 | 0.709 | 0.699 | 0.690 | 0.683 | 0.675 | 0.669 | 0.663 | 0.659 | 0.657 | 0.655 | 0.654 |
|  | 47 | 0.778 | 0.778 | 0.777 | 0.775 | 0.770 | 0.764 | 0.757 | 0.747 | 0.738 | 0.729 | 0.719 | 0.710 | 0.702 | 0.694 | 0.688 | 0.682 | 0.678 | 0.675 | 0.673 | 0.672 |
|  | 48 | 0.793 | 0.793 | 0.792 | 0.789 | 0.784 | 0.778 | 0.771 | 0.761 | 0.752 | 0.743 | 0.732 | 0.723 | 0.715 | 0.707 | 0.701 | 0.695 | 0.690 | 0.688 | 0.686 | 0.685 |
|  | 49 | 0.817 | 0.817 | 0.816 | 0.814 | 0.808 | 0.802 | 0.795 | 0.785 | 0.775 | 0.766 | 0.755 | 0.745 | 0.737 | 0.729 | 0.723 | 0.716 | 0.712 | 0.709 | 0.707 | 0.706 |
|  | 50 | 0.835 | 0.834 | 0.834 | 0.831 | 0.826 | 0.819 | 0.812 | 0.802 | 0.791 | 0.782 | 0.771 | 0.761 | 0.753 | 0.744 | 0.738 | 0.732 | 0.727 | 0.725 | 0.722 | 0.721 |

Table 2C.12. Projected charter removals (Mlb) and harvest for Area 2C in 2023 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with one days closed for the entire the season and a second day closed for part of the season with at least two days in between closures, and no annual limit. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

## a. All Sundays and variable Wednesdays

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 20 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 13 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 6 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 30 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 23 \\ \hline \end{array}$ | Starting Aug 16 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 2 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 26 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 19 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 12 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 5 \\ \hline \end{array}$ | Starting June 28 | $\begin{aligned} & \hline \text { Starting } \\ & \text { June } 21 \\ & \hline \end{aligned}$ | Starting June 14 | $\begin{array}{r} \hline \text { Starting } \\ \text { June } 7 \\ \hline \end{array}$ | Starting May 31 | $\begin{aligned} & \text { Starting } \\ & \text { May } 24 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 17 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 69,577 | 69,387 | 69,014 | 68,383 | 67,730 | 66,715 | 65,766 | 64,662 | 63,875 | 62,919 | 61,878 | 61,098 | 60,211 | 59,459 | 58,999 | 58,632 | 58,369 | 58,198 | 58,180 | 58,163 |
|  | 35 | 0.623 | 0.621 | 0.618 | 0.612 | 0.606 | 0.597 | 0.589 | 0.579 | 0.571 | 0.563 | 0.554 | 0.547 | 0.539 | 0.532 | 0.528 | 0.524 | 0.522 | 0.520 | 0.520 | 0.520 |
|  | 36 | 0.660 | 0.658 | 0.654 | 0.648 | 0.642 | 0.632 | 0.623 | 0.613 | 0.605 | 0.596 | 0.586 | 0.579 | 0.571 | 0.563 | 0.559 | 0.555 | 0.553 | 0.551 | 0.551 | 0.551 |
|  | 37 | 0.682 | 0.680 | 0.676 | 0.670 | 0.663 | 0.653 | 0.644 | 0.633 | 0.625 | 0.616 | 0.606 | 0.598 | 0.590 | 0.582 | 0.577 | 0.574 | 0.571 | 0.569 | 0.569 | 0.569 |
|  | 38 | 0.715 | 0.713 | 0.709 | 0.702 | 0.695 | 0.685 | 0.675 | 0.664 | 0.656 | 0.646 | 0.635 | 0.627 | 0.618 | 0.610 | 0.605 | 0.601 | 0.598 | 0.597 | 0.596 | 0.596 |
|  | 39 | 0.739 | 0.737 | 0.733 | 0.726 | 0.719 | 0.708 | 0.698 | 0.686 | 0.678 | 0.668 | 0.657 | 0.649 | 0.639 | 0.631 | 0.626 | 0.622 | 0.619 | 0.617 | 0.617 | 0.616 |
|  | 40 | 0.760 | 0.758 | 0.754 | 0.747 | 0.739 | 0.728 | 0.718 | 0.706 | 0.697 | 0.687 | 0.675 | 0.667 | 0.657 | 0.649 | 0.644 | 0.639 | 0.636 | 0.634 | 0.634 | 0.634 |
|  | 41 | 0.785 | 0.782 | 0.778 | 0.771 | 0.763 | 0.752 | 0.741 | 0.728 | 0.719 | 0.709 | 0.697 | 0.688 | 0.678 | 0.670 | 0.664 | 0.660 | 0.657 | 0.655 | 0.654 | 0.654 |
|  | 42 | 0.802 | 0.800 | 0.795 | 0.788 | 0.780 | 0.769 | 0.758 | 0.745 | 0.735 | 0.724 | 0.712 | 0.704 | 0.693 | 0.685 | 0.679 | 0.674 | 0.671 | 0.669 | 0.669 | 0.669 |
|  | 43 | 0.821 | 0.818 | 0.814 | 0.806 | 0.798 | 0.786 | 0.775 | 0.762 | 0.752 | 0.741 | 0.729 | 0.720 | 0.709 | 0.700 | 0.694 | 0.690 | 0.686 | 0.684 | 0.684 | 0.684 |
|  | 44 | 0.847 | 0.844 | 0.839 | 0.832 | 0.823 | 0.811 | 0.800 | 0.786 | 0.776 | 0.765 | 0.752 | 0.743 | 0.732 | 0.723 | 0.716 | 0.712 | 0.708 | 0.706 | 0.706 | 0.706 |
|  | 45 | 0.875 | 0.872 | 0.868 | 0.860 | 0.851 | 0.839 | 0.826 | 0.812 | 0.802 | 0.790 | 0.777 | 0.768 | 0.757 | 0.747 | 0.741 | 0.736 | 0.732 | 0.730 | 0.729 | 0.729 |
|  | 46 | 0.894 | 0.892 | 0.887 | 0.879 | 0.870 | 0.857 | 0.845 | 0.830 | 0.820 | 0.808 | 0.794 | 0.785 | 0.773 | 0.763 | 0.757 | 0.752 | 0.748 | 0.746 | 0.746 | 0.745 |
|  | 47 | 0.920 | 0.917 | 0.912 | 0.903 | 0.894 | 0.881 | 0.869 | 0.854 | 0.843 | 0.831 | 0.817 | 0.807 | 0.795 | 0.785 | 0.778 | 0.773 | 0.769 | 0.767 | 0.766 | 0.766 |
|  | 48 | 0.937 | 0.934 | 0.929 | 0.920 | 0.911 | 0.898 | 0.885 | 0.870 | 0.859 | 0.846 | 0.832 | 0.822 | 0.810 | 0.800 | 0.793 | 0.788 | 0.784 | 0.781 | 0.781 | 0.781 |
|  | 49 | 0.967 | 0.964 | 0.959 | 0.950 | 0.940 | 0.927 | 0.913 | 0.898 | 0.886 | 0.873 | 0.859 | 0.848 | 0.836 | 0.825 | 0.818 | 0.813 | 0.809 | 0.806 | 0.806 | 0.806 |
|  | 50 | 0.989 | 0.985 | 0.980 | 0.971 | 0.961 | 0.947 | 0.933 | 0.917 | 0.906 | 0.892 | 0.878 | 0.867 | 0.854 | 0.843 | 0.836 | 0.830 | 0.826 | 0.824 | 0.823 | 0.823 |

Table 2C.12. (continued)
b. All Sundays and variable Thursdays

|  |  | Starting Sept 21 | Starting Sept 14 | Starting Sept 7 | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | Starting Aug 10 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 3 \\ \hline \end{array}$ | Starting July 27 | Starting July 20 | Starting July 13 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 6 \\ \hline \end{array}$ | Starting June 29 | Starting June 22 | Starting June 15 | Starting June 8 | $\begin{array}{r} \hline \text { Starting } \\ \text { Jun } 1 \\ \hline \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 25 \\ & \hline \end{aligned}$ | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 69,550 | 69,400 | 69,023 | 68,384 | 67,799 | 66,749 | 65,685 | 64,642 | 63,752 | 62,936 | 61,906 | 61,132 | 60,371 | 59,483 | 58,852 | 58,517 | 58,243 | 58,089 | 58,016 | 57,986 |
|  | 35 | 0.623 | 0.621 | 0.618 | 0.612 | 0.607 | 0.598 | 0.588 | 0.579 | 0.571 | 0.564 | 0.555 | 0.548 | 0.541 | 0.533 | 0.528 | 0.525 | 0.522 | 0.521 | 0.520 | 0.520 |
|  | 36 | 0.660 | 0.658 | 0.655 | 0.648 | 0.643 | 0.633 | 0.623 | 0.613 | 0.605 | 0.597 | 0.588 | 0.581 | 0.573 | 0.565 | 0.559 | 0.555 | 0.553 | 0.551 | 0.551 | 0.550 |
|  | 37 | 0.681 | 0.680 | 0.676 | 0.670 | 0.664 | 0.654 | 0.644 | 0.634 | 0.625 | 0.617 | 0.607 | 0.600 | 0.592 | 0.584 | 0.577 | 0.574 | 0.571 | 0.570 | 0.569 | 0.569 |
|  | 38 | 0.714 | 0.713 | 0.709 | 0.702 | 0.696 | 0.686 | 0.675 | 0.664 | 0.655 | 0.647 | 0.636 | 0.629 | 0.621 | 0.612 | 0.605 | 0.602 | 0.599 | 0.597 | 0.596 | 0.596 |
|  | 39 | 0.739 | 0.737 | 0.733 | 0.726 | 0.720 | 0.709 | 0.698 | 0.687 | 0.677 | 0.669 | 0.658 | 0.650 | 0.642 | 0.633 | 0.626 | 0.622 | 0.619 | 0.617 | 0.616 | 0.616 |
|  | 40 | 0.760 | 0.758 | 0.754 | 0.747 | 0.740 | 0.729 | 0.718 | 0.706 | 0.697 | 0.688 | 0.677 | 0.669 | 0.660 | 0.651 | 0.644 | 0.640 | 0.637 | 0.635 | 0.634 | 0.634 |
|  | 41 | 0.784 | 0.782 | 0.778 | 0.771 | 0.764 | 0.753 | 0.741 | 0.729 | 0.719 | 0.710 | 0.699 | 0.690 | 0.682 | 0.672 | 0.664 | 0.660 | 0.657 | 0.655 | 0.654 | 0.654 |
|  | 42 | 0.802 | 0.800 | 0.796 | 0.788 | 0.781 | 0.769 | 0.757 | 0.746 | 0.735 | 0.726 | 0.714 | 0.706 | 0.697 | 0.687 | 0.679 | 0.675 | 0.672 | 0.670 | 0.669 | 0.669 |
|  | 43 | 0.820 | 0.818 | 0.814 | 0.806 | 0.799 | 0.787 | 0.775 | 0.763 | 0.752 | 0.743 | 0.731 | 0.722 | 0.713 | 0.703 | 0.695 | 0.691 | 0.687 | 0.685 | 0.685 | 0.684 |
|  | 44 | 0.846 | 0.844 | 0.840 | 0.832 | 0.825 | 0.812 | 0.799 | 0.787 | 0.776 | 0.766 | 0.754 | 0.745 | 0.736 | 0.725 | 0.717 | 0.713 | 0.709 | 0.707 | 0.706 | 0.706 |
|  | 45 | 0.875 | 0.873 | 0.868 | 0.860 | 0.852 | 0.840 | 0.826 | 0.813 | 0.802 | 0.792 | 0.779 | 0.770 | 0.761 | 0.750 | 0.741 | 0.737 | 0.733 | 0.731 | 0.730 | 0.730 |
|  | 46 | 0.894 | 0.892 | 0.887 | 0.879 | 0.871 | 0.858 | 0.844 | 0.831 | 0.820 | 0.809 | 0.796 | 0.787 | 0.778 | 0.766 | 0.758 | 0.753 | 0.749 | 0.747 | 0.746 | 0.746 |
|  | 47 | 0.919 | 0.917 | 0.912 | 0.904 | 0.896 | 0.882 | 0.868 | 0.855 | 0.843 | 0.832 | 0.819 | 0.810 | 0.800 | 0.788 | 0.779 | 0.774 | 0.770 | 0.768 | 0.767 | 0.767 |
|  | 48 | 0.937 | 0.934 | 0.929 | 0.921 | 0.913 | 0.899 | 0.884 | 0.871 | 0.859 | 0.848 | 0.834 | 0.825 | 0.815 | 0.803 | 0.794 | 0.789 | 0.785 | 0.783 | 0.781 | 0.781 |
|  | 49 | 0.967 | 0.964 | 0.959 | 0.950 | 0.942 | 0.928 | 0.913 | 0.899 | 0.886 | 0.875 | 0.861 | 0.851 | 0.841 | 0.829 | 0.819 | 0.814 | 0.810 | 0.808 | 0.807 | 0.806 |
|  | 50 | 0.988 | 0.986 | 0.980 | 0.971 | 0.963 | 0.948 | 0.933 | 0.919 | 0.906 | 0.895 | 0.880 | 0.870 | 0.860 | 0.847 | 0.837 | 0.832 | 0.828 | 0.826 | 0.825 | 0.824 |

## c. All Mondays and variable Thursdays

|  |  | Starting Sept 21 | Starting Sept 14 | Starting Sept 7 | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | Starting Aug 10 | Starting Aug 3 | Starting July 27 | Starting July 20 | Starting July 13 | Starting July 6 | $\begin{aligned} & \hline \text { Starting } \\ & \text { June } 29 \\ & \hline \end{aligned}$ | Starting June 22 | Starting June 15 | Starting June 8 | Starting Jun 1 | Starting <br> May 25 | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 67,972 | 67,822 | 67,445 | 66,806 | 66,221 | 65,171 | 64,107 | 63,064 | 62,174 | 61,358 | 60,328 | 59,554 | 58,793 | 57,905 | 57,274 | 56,939 | 56,665 | 56,511 | 56,438 | 56,408 |
|  | 35 | 0.608 | 0.606 | 0.603 | 0.597 | 0.592 | 0.583 | 0.573 | 0.564 | 0.556 | 0.549 | 0.540 | 0.533 | 0.526 | 0.518 | 0.512 | 0.509 | 0.507 | 0.505 | 0.505 | 0.505 |
|  | 36 | 0.643 | 0.642 | 0.638 | 0.632 | 0.627 | 0.617 | 0.607 | 0.597 | 0.589 | 0.581 | 0.571 | 0.564 | 0.557 | 0.549 | 0.543 | 0.539 | 0.537 | 0.535 | 0.534 | 0.534 |
|  | 37 | 0.665 | 0.663 | 0.660 | 0.653 | 0.648 | 0.638 | 0.627 | 0.617 | 0.608 | 0.600 | 0.590 | 0.583 | 0.576 | 0.567 | 0.561 | 0.557 | 0.554 | 0.553 | 0.552 | 0.552 |
|  | 38 | 0.697 | 0.695 | 0.691 | 0.685 | 0.679 | 0.668 | 0.657 | 0.647 | 0.638 | 0.629 | 0.619 | 0.611 | 0.604 | 0.594 | 0.588 | 0.584 | 0.581 | 0.580 | 0.579 | 0.578 |
|  | 39 | 0.721 | 0.719 | 0.715 | 0.708 | 0.702 | 0.691 | 0.680 | 0.669 | 0.659 | 0.651 | 0.640 | 0.632 | 0.624 | 0.615 | 0.608 | 0.604 | 0.601 | 0.599 | 0.598 | 0.598 |
|  | 40 | 0.741 | 0.739 | 0.735 | 0.728 | 0.722 | 0.710 | 0.699 | 0.688 | 0.678 | 0.669 | 0.658 | 0.650 | 0.642 | 0.632 | 0.625 | 0.621 | 0.618 | 0.616 | 0.615 | 0.615 |
|  | 41 | 0.765 | 0.763 | 0.759 | 0.751 | 0.745 | 0.733 | 0.721 | 0.710 | 0.700 | 0.690 | 0.679 | 0.671 | 0.662 | 0.652 | 0.645 | 0.641 | 0.638 | 0.636 | 0.635 | 0.635 |
|  | 42 | 0.782 | 0.780 | 0.775 | 0.768 | 0.761 | 0.749 | 0.737 | 0.725 | 0.715 | 0.706 | 0.694 | 0.686 | 0.677 | 0.667 | 0.659 | 0.655 | 0.652 | 0.650 | 0.649 | 0.649 |
|  | 43 | 0.800 | 0.798 | 0.793 | 0.786 | 0.779 | 0.767 | 0.754 | 0.742 | 0.732 | 0.722 | 0.710 | 0.702 | 0.693 | 0.682 | 0.674 | 0.670 | 0.667 | 0.665 | 0.664 | 0.664 |
|  | 44 | 0.825 | 0.823 | 0.818 | 0.811 | 0.803 | 0.791 | 0.778 | 0.766 | 0.755 | 0.745 | 0.732 | 0.724 | 0.715 | 0.704 | 0.696 | 0.691 | 0.688 | 0.686 | 0.685 | 0.685 |
|  | 45 | 0.853 | 0.851 | 0.846 | 0.838 | 0.830 | 0.817 | 0.804 | 0.791 | 0.780 | 0.770 | 0.757 | 0.748 | 0.739 | 0.728 | 0.719 | 0.714 | 0.711 | 0.709 | 0.708 | 0.707 |
|  | 46 | 0.871 | 0.869 | 0.864 | 0.856 | 0.848 | 0.835 | 0.822 | 0.809 | 0.797 | 0.787 | 0.774 | 0.765 | 0.755 | 0.744 | 0.735 | 0.730 | 0.726 | 0.724 | 0.723 | 0.723 |
|  | 47 | 0.896 | 0.894 | 0.889 | 0.880 | 0.872 | 0.859 | 0.845 | 0.831 | 0.819 | 0.809 | 0.795 | 0.786 | 0.776 | 0.764 | 0.755 | 0.751 | 0.747 | 0.745 | 0.744 | 0.743 |
|  | 48 | 0.913 | 0.910 | 0.905 | 0.897 | 0.889 | 0.875 | 0.860 | 0.847 | 0.835 | 0.824 | 0.810 | 0.801 | 0.791 | 0.779 | 0.770 | 0.765 | 0.761 | 0.759 | 0.757 | 0.757 |
|  | 49 | 0.942 | 0.940 | 0.934 | 0.925 | 0.917 | 0.903 | 0.888 | 0.874 | 0.862 | 0.850 | 0.836 | 0.827 | 0.816 | 0.804 | 0.794 | 0.789 | 0.785 | 0.783 | 0.782 | 0.782 |
|  | 50 | 0.963 | 0.960 | 0.955 | 0.946 | 0.937 | 0.923 | 0.908 | 0.893 | 0.881 | 0.869 | 0.855 | 0.845 | 0.834 | 0.822 | 0.812 | 0.807 | 0.803 | 0.800 | 0.799 | 0.799 |

Table 2C.12. (continued)

## d. All Mondays and variable Fridays

|  |  | Starting Sept 22 | Starting Sept 15 | $\begin{array}{r} \text { Starting } \\ \text { Sept } 8 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Sep 1 } \\ \hline \end{array}$ | Starting $\text { Aug } 25$ | Starting Aug 18 | Starting <br> Aug 11 | $\begin{array}{r} \text { Starting } \\ \hline \end{array}$ | Starting | Starting July 21 | Starting July 14 | $\begin{array}{r} \text { Starting } \\ \text { July } 7 \end{array}$ | Starting June 30 | Starting June 23 | Starting June 16 | Starting | $\begin{array}{r} \text { Starting } \\ \text { Jun } 2 \\ \hline \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 26 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { May } 19 \\ \hline \end{array}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,012 | 67,926 | 67,531 | 66,920 | 66,537 | 65,597 | 64,374 | 63,432 | 62,450 | 61,368 | 60,268 | 59,596 | 58,728 | 57,913 | 57,275 | 56,813 | 56,657 | 56,473 | 56,369 | 56,352 |
| $\underline{1}$ | 35 | 0.608 | 0.607 | 0.604 | 0.598 | 0.595 | 0.586 | 0.575 | 0.567 | 0.558 | 0.549 | 0.539 | 0.533 | 0.525 | 0.518 | 0.512 | 0.508 | 0.506 | 0.505 | 0.504 | 0.503 |
|  | 36 | 0.644 | 0.643 | 0.639 | 0.634 | 0.630 | 0.621 | 0.609 | 0.600 | 0.591 | 0.581 | 0.571 | 0.564 | 0.556 | 0.548 | 0.542 | 0.538 | 0.536 | 0.534 | 0.533 | 0.533 |
|  | 37 | 0.665 | 0.664 | 0.660 | 0.655 | 0.651 | 0.641 | 0.630 | 0.620 | 0.611 | 0.600 | 0.590 | 0.583 | 0.575 | 0.567 | 0.560 | 0.556 | 0.554 | 0.552 | 0.551 | 0.551 |
|  | 38 | 0.697 | 0.696 | 0.692 | 0.686 | 0.682 | 0.672 | 0.660 | 0.650 | 0.640 | 0.629 | 0.618 | 0.611 | 0.602 | 0.594 | 0.587 | 0.582 | 0.581 | 0.579 | 0.578 | 0.578 |
|  | 39 | 0.721 | 0.720 | 0.716 | 0.709 | 0.705 | 0.695 | 0.682 | 0.672 | 0.662 | 0.651 | 0.639 | 0.632 | 0.623 | 0.614 | 0.607 | 0.602 | 0.600 | 0.598 | 0.597 | 0.597 |
|  | 40 | 0.741 | 0.740 | 0.736 | 0.729 | 0.725 | 0.715 | 0.702 | 0.691 | 0.681 | 0.669 | 0.657 | 0.650 | 0.640 | 0.632 | 0.625 | 0.619 | 0.617 | 0.615 | 0.614 | 0.614 |
|  | 41 | 0.765 | 0.764 | 0.760 | 0.753 | 0.748 | 0.738 | 0.724 | 0.714 | 0.702 | 0.690 | 0.678 | 0.671 | 0.661 | 0.652 | 0.645 | 0.639 | 0.637 | 0.635 | 0.634 | 0.634 |
|  | 42 | 0.782 | 0.781 | 0.776 | 0.769 | 0.765 | 0.754 | 0.740 | 0.729 | 0.718 | 0.706 | 0.693 | 0.686 | 0.676 | 0.666 | 0.659 | 0.653 | 0.651 | 0.649 | 0.648 | 0.648 |
|  | 43 | 0.800 | 0.799 | 0.794 | 0.787 | 0.782 | 0.771 | 0.757 | 0.746 | 0.734 | 0.722 | 0.709 | 0.701 | 0.691 | 0.682 | 0.674 | 0.668 | 0.666 | 0.664 | 0.663 | 0.663 |
|  | 44 | 0.825 | 0.824 | 0.819 | 0.812 | 0.807 | 0.796 | 0.781 | 0.770 | 0.758 | 0.745 | 0.731 | 0.724 | 0.713 | 0.703 | 0.695 | 0.689 | 0.688 | 0.685 | 0.684 | 0.684 |
|  | 45 | 0.853 | 0.852 | 0.847 | 0.839 | 0.834 | 0.822 | 0.807 | 0.795 | 0.783 | 0.770 | 0.756 | 0.748 | 0.737 | 0.727 | 0.719 | 0.713 | 0.711 | 0.708 | 0.707 | 0.706 |
|  | 46 | 0.872 | 0.870 | 0.865 | 0.858 | 0.852 | 0.840 | 0.825 | 0.813 | 0.800 | 0.787 | 0.773 | 0.764 | 0.753 | 0.743 | 0.735 | 0.728 | 0.726 | 0.724 | 0.722 | 0.722 |
|  | 47 | 0.896 | 0.895 | 0.890 | 0.882 | 0.876 | 0.864 | 0.848 | 0.836 | 0.823 | 0.809 | 0.794 | 0.786 | 0.775 | 0.764 | 0.755 | 0.749 | 0.747 | 0.744 | 0.742 | 0.742 |
|  | 48 | 0.913 | 0.912 | 0.906 | 0.898 | 0.893 | 0.880 | 0.864 | 0.851 | 0.838 | 0.824 | 0.809 | 0.801 | 0.789 | 0.778 | 0.769 | 0.763 | 0.761 | 0.758 | 0.756 | 0.756 |
|  | 49 | 0.942 | 0.941 | 0.936 | 0.927 | 0.921 | 0.908 | 0.892 | 0.879 | 0.865 | 0.850 | 0.835 | 0.826 | 0.814 | 0.803 | 0.794 | 0.787 | 0.785 | 0.782 | 0.781 | 0.780 |
|  | 50 | 0.963 | 0.962 | 0.956 | 0.947 | 0.941 | 0.928 | 0.911 | 0.898 | 0.884 | 0.869 | 0.853 | 0.844 | 0.832 | 0.821 | 0.812 | 0.805 | 0.802 | 0.799 | 0.798 | 0.797 |

e. All Tuesdays and variable Fridays

|  |  | Starting Sept 22 | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 15 \\ \hline \end{array}$ | Starting Sept 8 | Starting Sep 1 | Starting Aug 25 | Starting Aug 18 | Starting Aug 11 | Starting Aug 4 | Starting July 28 | Starting July 21 | Starting July 14 | Starting July 7 | Starting June 30 | Starting June 23 | Starting June 16 | Starting June 9 | Starting Jun 2 | Starting May 26 | Starting May 19 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,977 | 68,891 | 68,496 | 67,885 | 67,502 | 66,562 | 65,339 | 64,397 | 63,415 | 62,333 | 61,233 | 60,561 | 59,693 | 58,878 | 58,240 | 57,778 | 57,622 | 57,438 | 57,334 | 57,317 |
|  | 35 | 0.616 | 0.615 | 0.611 | 0.606 | 0.602 | 0.594 | 0.583 | 0.575 | 0.566 | 0.556 | 0.546 | 0.540 | 0.533 | 0.525 | 0.520 | 0.515 | 0.514 | 0.512 | 0.511 | 0.511 |
|  | 36 | 0.652 | 0.651 | 0.647 | 0.642 | 0.638 | 0.629 | 0.618 | 0.609 | 0.599 | 0.589 | 0.579 | 0.573 | 0.564 | 0.557 | 0.550 | 0.546 | 0.544 | 0.543 | 0.542 | 0.541 |
|  | 37 | 0.674 | 0.673 | 0.669 | 0.663 | 0.659 | 0.650 | 0.638 | 0.629 | 0.619 | 0.609 | 0.598 | 0.591 | 0.583 | 0.575 | 0.569 | 0.564 | 0.562 | 0.560 | 0.559 | 0.559 |
|  | 38 | 0.706 | 0.705 | 0.701 | 0.695 | 0.691 | 0.681 | 0.669 | 0.659 | 0.649 | 0.638 | 0.627 | 0.620 | 0.611 | 0.603 | 0.596 | 0.591 | 0.589 | 0.587 | 0.586 | 0.586 |
|  | 39 | 0.730 | 0.729 | 0.725 | 0.718 | 0.714 | 0.704 | 0.691 | 0.681 | 0.671 | 0.660 | 0.648 | 0.641 | 0.632 | 0.623 | 0.616 | 0.611 | 0.609 | 0.607 | 0.606 | 0.606 |
|  | 40 | 0.750 | 0.749 | 0.745 | 0.738 | 0.734 | 0.724 | 0.711 | 0.700 | 0.690 | 0.678 | 0.666 | 0.659 | 0.650 | 0.641 | 0.634 | 0.628 | 0.627 | 0.624 | 0.623 | 0.623 |
|  | 41 | 0.774 | 0.773 | 0.769 | 0.762 | 0.757 | 0.747 | 0.733 | 0.723 | 0.712 | 0.700 | 0.687 | 0.680 | 0.670 | 0.661 | 0.654 | 0.648 | 0.647 | 0.644 | 0.643 | 0.643 |
|  | 42 | 0.791 | 0.790 | 0.786 | 0.779 | 0.774 | 0.763 | 0.749 | 0.738 | 0.727 | 0.715 | 0.702 | 0.695 | 0.685 | 0.676 | 0.668 | 0.662 | 0.661 | 0.658 | 0.657 | 0.657 |
|  | 43 | 0.809 | 0.808 | 0.803 | 0.796 | 0.791 | 0.780 | 0.766 | 0.755 | 0.744 | 0.731 | 0.718 | 0.711 | 0.700 | 0.691 | 0.683 | 0.678 | 0.676 | 0.673 | 0.672 | 0.672 |
|  | 44 | 0.835 | 0.834 | 0.829 | 0.822 | 0.816 | 0.805 | 0.791 | 0.779 | 0.767 | 0.754 | 0.741 | 0.733 | 0.723 | 0.713 | 0.705 | 0.699 | 0.697 | 0.694 | 0.693 | 0.693 |
|  | 45 | 0.863 | 0.862 | 0.857 | 0.849 | 0.844 | 0.832 | 0.817 | 0.805 | 0.793 | 0.780 | 0.766 | 0.758 | 0.747 | 0.737 | 0.729 | 0.722 | 0.720 | 0.718 | 0.716 | 0.716 |
|  | 46 | 0.882 | 0.880 | 0.875 | 0.868 | 0.862 | 0.850 | 0.835 | 0.823 | 0.810 | 0.797 | 0.783 | 0.774 | 0.763 | 0.753 | 0.745 | 0.738 | 0.736 | 0.733 | 0.732 | 0.732 |
|  | 47 | 0.906 | 0.905 | 0.900 | 0.892 | 0.886 | 0.874 | 0.858 | 0.846 | 0.833 | 0.819 | 0.804 | 0.796 | 0.785 | 0.774 | 0.765 | 0.759 | 0.757 | 0.754 | 0.752 | 0.752 |
|  | 48 | 0.923 | 0.922 | 0.917 | 0.909 | 0.903 | 0.890 | 0.874 | 0.862 | 0.848 | 0.834 | 0.819 | 0.811 | 0.799 | 0.789 | 0.780 | 0.773 | 0.771 | 0.768 | 0.767 | 0.766 |
|  | 49 | 0.953 | 0.951 | 0.946 | 0.937 | 0.932 | 0.919 | 0.902 | 0.889 | 0.875 | 0.861 | 0.846 | 0.837 | 0.825 | 0.814 | 0.805 | 0.798 | 0.795 | 0.792 | 0.791 | 0.791 |
|  | 50 | 0.973 | 0.972 | 0.966 | 0.958 | 0.952 | 0.938 | 0.922 | 0.908 | 0.894 | 0.879 | 0.864 | 0.855 | 0.842 | 0.831 | 0.822 | 0.815 | 0.812 | 0.809 | 0.808 | 0.808 |

Table 2C.12. (continued)
f. All Tuesdays and variable Saturdays

|  | Starting Sept 23 |  | Starting Sept 16 | Starting Sept 9 | Starting Sept 2 | Starting Aug 26 | Starting Aug 19 | Starting Aug 12 | Starting Aug 5 | Starting July 29 | Starting July 22 | Starting July 15 | Starting July 8 | Starting July 1 | Starting June 24 | Starting June 17 | Starting June 10 | Starting June 3 | Starting <br> May 27 | Starting May 20 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,969 | 68,888 | 68,617 | 68,116 | 67,542 | 66,790 | 65,760 | 64,749 | 63,831 | 62,770 | 61,799 | 60,975 | 60,109 | 59,483 | 58,864 | 58,446 | 58,232 | 58,046 | 57,942 | 57,916 |
| $\cong$ | 35 | 0.615 | 0.615 | 0.612 | 0.608 | 0.603 | 0.596 | 0.587 | 0.578 | 0.570 | 0.560 | 0.552 | 0.544 | 0.537 | 0.531 | 0.525 | 0.521 | 0.519 | 0.518 | 0.517 | 0.517 |
|  | 36 | 0.652 | 0.651 | 0.649 | 0.644 | 0.638 | 0.631 | 0.622 | 0.612 | 0.603 | 0.594 | 0.584 | 0.577 | 0.568 | 0.563 | 0.557 | 0.552 | 0.550 | 0.548 | 0.547 | 0.547 |
|  | 37 | 0.673 | 0.673 | 0.670 | 0.665 | 0.659 | 0.652 | 0.642 | 0.632 | 0.623 | 0.613 | 0.604 | 0.596 | 0.587 | 0.581 | 0.575 | 0.571 | 0.569 | 0.567 | 0.566 | 0.565 |
|  | 38 | 0.706 | 0.705 | 0.702 | 0.697 | 0.691 | 0.683 | 0.673 | 0.663 | 0.653 | 0.643 | 0.633 | 0.625 | 0.616 | 0.609 | 0.603 | 0.598 | 0.596 | 0.594 | 0.593 | 0.593 |
|  | 39 | 0.730 | 0.729 | 0.726 | 0.721 | 0.715 | 0.707 | 0.696 | 0.685 | 0.676 | 0.665 | 0.654 | 0.646 | 0.637 | 0.630 | 0.623 | 0.619 | 0.616 | 0.614 | 0.613 | 0.613 |
|  | 40 | 0.750 | 0.749 | 0.747 | 0.741 | 0.735 | 0.727 | 0.716 | 0.705 | 0.695 | 0.683 | 0.673 | 0.664 | 0.655 | 0.648 | 0.641 | 0.636 | 0.634 | 0.632 | 0.631 | 0.630 |
|  | 41 | 0.774 | 0.773 | 0.770 | 0.765 | 0.758 | 0.750 | 0.738 | 0.727 | 0.717 | 0.705 | 0.695 | 0.686 | 0.676 | 0.669 | 0.662 | 0.657 | 0.654 | 0.652 | 0.651 | 0.651 |
|  | 42 | 0.791 | 0.790 | 0.787 | 0.781 | 0.775 | 0.766 | 0.755 | 0.743 | 0.733 | 0.721 | 0.710 | 0.701 | 0.691 | 0.684 | 0.676 | 0.671 | 0.669 | 0.666 | 0.665 | 0.665 |
|  | 43 | 0.809 | 0.808 | 0.805 | 0.799 | 0.792 | 0.784 | 0.772 | 0.760 | 0.749 | 0.737 | 0.726 | 0.717 | 0.707 | 0.699 | 0.692 | 0.687 | 0.684 | 0.682 | 0.680 | 0.680 |
|  | 44 | 0.835 | 0.834 | 0.831 | 0.825 | 0.817 | 0.808 | 0.796 | 0.784 | 0.773 | 0.761 | 0.749 | 0.740 | 0.729 | 0.722 | 0.714 | 0.709 | 0.706 | 0.704 | 0.702 | 0.702 |
|  | 45 | 0.863 | 0.862 | 0.858 | 0.852 | 0.845 | 0.835 | 0.823 | 0.811 | 0.799 | 0.786 | 0.774 | 0.765 | 0.754 | 0.746 | 0.738 | 0.733 | 0.730 | 0.727 | 0.726 | 0.725 |
|  | 46 | 0.882 | 0.881 | 0.877 | 0.871 | 0.863 | 0.854 | 0.841 | 0.828 | 0.817 | 0.804 | 0.791 | 0.781 | 0.770 | 0.762 | 0.754 | 0.749 | 0.746 | 0.743 | 0.742 | 0.741 |
|  | 47 | 0.906 | 0.905 | 0.902 | 0.895 | 0.887 | 0.878 | 0.865 | 0.852 | 0.840 | 0.826 | 0.814 | 0.803 | 0.792 | 0.784 | 0.776 | 0.770 | 0.767 | 0.764 | 0.763 | 0.762 |
|  | 48 | 0.923 | 0.922 | 0.919 | 0.912 | 0.904 | 0.894 | 0.881 | 0.868 | 0.855 | 0.842 | 0.829 | 0.819 | 0.807 | 0.799 | 0.790 | 0.785 | 0.781 | 0.779 | 0.777 | 0.777 |
|  | 49 | 0.953 | 0.952 | 0.948 | 0.941 | 0.933 | 0.923 | 0.909 | 0.895 | 0.883 | 0.869 | 0.856 | 0.845 | 0.833 | 0.824 | 0.816 | 0.810 | 0.806 | 0.804 | 0.802 | 0.802 |
|  | 50 | 0.973 | 0.972 | 0.968 | 0.961 | 0.953 | 0.943 | 0.929 | 0.915 | 0.902 | 0.888 | 0.874 | 0.863 | 0.851 | 0.842 | 0.834 | 0.827 | 0.824 | 0.821 | 0.819 | 0.819 |

g. All Wednesdays and variable Saturdays

|  |  | Starting Sept 23 | Starting Sept 16 | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 9 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Sept } 2 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 26 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 19 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 12 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 5 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 29 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 22 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 15 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 8 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 1 \\ \hline \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { June } 24 \\ & \hline \end{aligned}$ | Starting June 17 | Starting June 10 | Starting June 3 | $\begin{aligned} & \text { Starting } \\ & \text { May } 27 \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { May } 20 \\ \hline \end{array}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,921 | 68,840 | 68,569 | 68,068 | 67,494 | 66,742 | 65,712 | 64,701 | 63,783 | 62,722 | 61,751 | 60,927 | 60,061 | 59,435 | 58,816 | 58,398 | 58,184 | 57,998 | 57,894 | 57,868 |
|  | 35 | 0.615 | 0.614 | 0.611 | 0.607 | 0.602 | 0.595 | 0.586 | 0.577 | 0.569 | 0.560 | 0.551 | 0.544 | 0.536 | 0.530 | 0.525 | 0.521 | 0.519 | 0.517 | 0.516 | 0.516 |
|  | 36 | 0.651 | 0.650 | 0.648 | 0.643 | 0.637 | 0.630 | 0.621 | 0.611 | 0.603 | 0.593 | 0.584 | 0.576 | 0.568 | 0.562 | 0.556 | 0.552 | 0.550 | 0.548 | 0.547 | 0.547 |
|  | 37 | 0.672 | 0.672 | 0.669 | 0.664 | 0.658 | 0.651 | 0.641 | 0.631 | 0.622 | 0.612 | 0.603 | 0.595 | 0.587 | 0.580 | 0.574 | 0.570 | 0.568 | 0.566 | 0.565 | 0.565 |
|  | 38 | 0.705 | 0.704 | 0.701 | 0.696 | 0.690 | 0.682 | 0.672 | 0.662 | 0.652 | 0.642 | 0.632 | 0.624 | 0.615 | 0.608 | 0.602 | 0.598 | 0.595 | 0.593 | 0.592 | 0.592 |
|  | 39 | 0.729 | 0.728 | 0.725 | 0.720 | 0.713 | 0.706 | 0.695 | 0.684 | 0.675 | 0.664 | 0.653 | 0.645 | 0.636 | 0.629 | 0.622 | 0.618 | 0.616 | 0.613 | 0.612 | 0.612 |
|  | 40 | 0.749 | 0.748 | 0.745 | 0.740 | 0.733 | 0.725 | 0.714 | 0.703 | 0.693 | 0.682 | 0.672 | 0.663 | 0.654 | 0.647 | 0.640 | 0.635 | 0.633 | 0.631 | 0.629 | 0.629 |
|  | 41 | 0.773 | 0.772 | 0.769 | 0.763 | 0.757 | 0.748 | 0.737 | 0.726 | 0.716 | 0.704 | 0.693 | 0.684 | 0.675 | 0.668 | 0.661 | 0.656 | 0.653 | 0.651 | 0.649 | 0.649 |
|  | 42 | 0.790 | 0.789 | 0.786 | 0.780 | 0.773 | 0.765 | 0.753 | 0.742 | 0.731 | 0.719 | 0.708 | 0.699 | 0.689 | 0.682 | 0.675 | 0.670 | 0.667 | 0.665 | 0.664 | 0.663 |
|  | 43 | 0.808 | 0.807 | 0.803 | 0.798 | 0.791 | 0.782 | 0.770 | 0.759 | 0.748 | 0.736 | 0.724 | 0.715 | 0.705 | 0.698 | 0.690 | 0.685 | 0.683 | 0.680 | 0.679 | 0.678 |
|  | 44 | 0.833 | 0.832 | 0.829 | 0.823 | 0.816 | 0.807 | 0.795 | 0.783 | 0.771 | 0.759 | 0.747 | 0.738 | 0.727 | 0.720 | 0.712 | 0.707 | 0.704 | 0.702 | 0.700 | 0.700 |
|  | 45 | 0.861 | 0.860 | 0.857 | 0.850 | 0.843 | 0.834 | 0.821 | 0.809 | 0.797 | 0.785 | 0.772 | 0.763 | 0.752 | 0.744 | 0.736 | 0.731 | 0.728 | 0.725 | 0.724 | 0.723 |
|  | 46 | 0.880 | 0.879 | 0.875 | 0.869 | 0.861 | 0.852 | 0.839 | 0.826 | 0.815 | 0.802 | 0.789 | 0.779 | 0.768 | 0.760 | 0.752 | 0.747 | 0.744 | 0.741 | 0.739 | 0.739 |
|  | 47 | 0.904 | 0.903 | 0.900 | 0.893 | 0.885 | 0.875 | 0.863 | 0.850 | 0.837 | 0.824 | 0.811 | 0.801 | 0.790 | 0.782 | 0.773 | 0.768 | 0.764 | 0.762 | 0.760 | 0.760 |
|  | 48 | 0.921 | 0.920 | 0.917 | 0.910 | 0.902 | 0.892 | 0.879 | 0.865 | 0.853 | 0.840 | 0.827 | 0.816 | 0.805 | 0.796 | 0.788 | 0.782 | 0.779 | 0.776 | 0.774 | 0.774 |
|  | 49 | 0.950 | 0.949 | 0.946 | 0.939 | 0.930 | 0.920 | 0.907 | 0.893 | 0.880 | 0.866 | 0.853 | 0.842 | 0.830 | 0.822 | 0.813 | 0.807 | 0.804 | 0.801 | 0.799 | 0.799 |
|  | 50 | 0.971 | 0.970 | 0.966 | 0.959 | 0.950 | 0.940 | 0.926 | 0.912 | 0.899 | 0.885 | 0.871 | 0.860 | 0.848 | 0.839 | 0.831 | 0.824 | 0.821 | 0.818 | 0.816 | 0.816 |

Table 2C.12. (continued)
h. All Wednesdays and variable Sundays

|  |  | Starting Sept 17 | $\begin{array}{r} \text { Starting } \\ \text { Sept } 10 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Sept 03 } \\ \hline \end{array}$ | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 6 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 30 \end{array}$ | $\begin{gathered} \hline \text { Starting } \\ \text { July } 23 \end{gathered}$ | Starting July 16 | $\begin{array}{r} \text { Starting } \\ \text { July } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 2 \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 21 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { May } 14 \\ \hline \end{array}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,883 | 68,643 | 68,158 | 67,446 | 67,060 | 66,010 | 65,062 | 64,197 | 63,312 | 62,283 | 61,423 | 60,655 | 59,924 | 59,326 | 58,893 | 58,634 | 58,357 | 58,209 | 58,165 | 58,163 |
|  | 35 | 0.614 | 0.612 | 0.608 | 0.602 | 0.598 | 0.589 | 0.581 | 0.573 | 0.565 | 0.556 | 0.549 | 0.542 | 0.536 | 0.530 | 0.526 | 0.524 | 0.522 | 0.520 | 0.520 | 0.520 |
|  | 36 | 0.651 | 0.648 | 0.644 | 0.637 | 0.634 | 0.624 | 0.615 | 0.607 | 0.599 | 0.589 | 0.582 | 0.574 | 0.567 | 0.562 | 0.558 | 0.555 | 0.552 | 0.551 | 0.551 | 0.551 |
|  | 37 | 0.672 | 0.670 | 0.665 | 0.658 | 0.655 | 0.645 | 0.635 | 0.627 | 0.619 | 0.609 | 0.601 | 0.593 | 0.586 | 0.581 | 0.576 | 0.574 | 0.571 | 0.569 | 0.569 | 0.569 |
|  | 38 | 0.704 | 0.702 | 0.697 | 0.690 | 0.686 | 0.676 | 0.666 | 0.657 | 0.648 | 0.638 | 0.630 | 0.622 | 0.615 | 0.609 | 0.604 | 0.601 | 0.598 | 0.597 | 0.596 | 0.596 |
|  | 39 | 0.728 | 0.726 | 0.721 | 0.713 | 0.709 | 0.698 | 0.688 | 0.680 | 0.670 | 0.660 | 0.651 | 0.643 | 0.636 | 0.629 | 0.625 | 0.622 | 0.619 | 0.617 | 0.616 | 0.616 |
|  | 40 | 0.749 | 0.746 | 0.741 | 0.733 | 0.729 | 0.718 | 0.708 | 0.699 | 0.689 | 0.678 | 0.670 | 0.661 | 0.653 | 0.647 | 0.642 | 0.639 | 0.636 | 0.634 | 0.634 | 0.634 |
|  | 41 | 0.772 | 0.770 | 0.765 | 0.757 | 0.753 | 0.741 | 0.730 | 0.721 | 0.711 | 0.700 | 0.691 | 0.683 | 0.674 | 0.668 | 0.663 | 0.660 | 0.657 | 0.655 | 0.654 | 0.654 |
|  | 42 | 0.789 | 0.787 | 0.781 | 0.773 | 0.769 | 0.757 | 0.746 | 0.737 | 0.727 | 0.715 | 0.706 | 0.698 | 0.689 | 0.683 | 0.677 | 0.674 | 0.671 | 0.669 | 0.669 | 0.669 |
|  | 43 | 0.807 | 0.804 | 0.799 | 0.791 | 0.786 | 0.774 | 0.763 | 0.754 | 0.743 | 0.732 | 0.722 | 0.714 | 0.705 | 0.698 | 0.693 | 0.690 | 0.686 | 0.684 | 0.684 | 0.684 |
|  | 44 | 0.833 | 0.830 | 0.824 | 0.816 | 0.811 | 0.799 | 0.787 | 0.777 | 0.767 | 0.755 | 0.745 | 0.736 | 0.728 | 0.721 | 0.715 | 0.712 | 0.708 | 0.706 | 0.706 | 0.706 |
|  | 45 | 0.861 | 0.858 | 0.852 | 0.843 | 0.838 | 0.826 | 0.814 | 0.804 | 0.793 | 0.780 | 0.770 | 0.761 | 0.752 | 0.745 | 0.739 | 0.736 | 0.732 | 0.730 | 0.729 | 0.729 |
|  | 46 | 0.879 | 0.876 | 0.870 | 0.861 | 0.857 | 0.844 | 0.832 | 0.821 | 0.810 | 0.797 | 0.787 | 0.778 | 0.769 | 0.761 | 0.755 | 0.752 | 0.748 | 0.746 | 0.745 | 0.745 |
|  | 47 | 0.904 | 0.901 | 0.895 | 0.886 | 0.881 | 0.867 | 0.855 | 0.844 | 0.833 | 0.820 | 0.809 | 0.800 | 0.790 | 0.783 | 0.777 | 0.773 | 0.769 | 0.767 | 0.766 | 0.766 |
|  | 48 | 0.921 | 0.918 | 0.911 | 0.902 | 0.897 | 0.884 | 0.871 | 0.860 | 0.848 | 0.835 | 0.825 | 0.815 | 0.805 | 0.797 | 0.791 | 0.788 | 0.784 | 0.781 | 0.781 | 0.781 |
|  | 49 | 0.950 | 0.947 | 0.940 | 0.931 | 0.926 | 0.912 | 0.899 | 0.887 | 0.876 | 0.862 | 0.851 | 0.841 | 0.831 | 0.823 | 0.817 | 0.813 | 0.809 | 0.806 | 0.806 | 0.806 |
|  | 50 | 0.970 | 0.967 | 0.961 | 0.951 | 0.946 | 0.931 | 0.918 | 0.907 | 0.894 | 0.880 | 0.869 | 0.859 | 0.849 | 0.841 | 0.834 | 0.830 | 0.826 | 0.824 | 0.823 | 0.823 |

i. All Thursdays and variable Sundays

|  |  | Starting Sept 17 | Starting Sept 10 | Starting Sept 03 | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | Starting Aug 6 | Starting July 30 | Starting July 23 | Starting July 16 | Starting July 9 | Starting July 2 | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | Starting May 21 | Starting <br> May 14 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,706 | 68,466 | 67,981 | 67,269 | 66,883 | 65,833 | 64,885 | 64,020 | 63,135 | 62,106 | 61,246 | 60,478 | 59,747 | 59,149 | 58,716 | 58,457 | 58,180 | 58,032 | 57,988 | 57,986 |
|  | 35 | 0.614 | 0.612 | 0.608 | 0.602 | 0.598 | 0.589 | 0.581 | 0.573 | 0.565 | 0.556 | 0.549 | 0.542 | 0.536 | 0.530 | 0.526 | 0.524 | 0.522 | 0.520 | 0.520 | 0.520 |
|  | 36 | 0.650 | 0.648 | 0.644 | 0.637 | 0.634 | 0.624 | 0.615 | 0.607 | 0.599 | 0.589 | 0.581 | 0.574 | 0.567 | 0.562 | 0.557 | 0.555 | 0.552 | 0.551 | 0.550 | 0.550 |
|  | 37 | 0.672 | 0.670 | 0.665 | 0.658 | 0.654 | 0.644 | 0.635 | 0.627 | 0.618 | 0.609 | 0.601 | 0.593 | 0.586 | 0.580 | 0.576 | 0.573 | 0.571 | 0.569 | 0.569 | 0.569 |
|  | 38 | 0.704 | 0.702 | 0.697 | 0.690 | 0.686 | 0.675 | 0.666 | 0.657 | 0.648 | 0.638 | 0.630 | 0.622 | 0.614 | 0.608 | 0.604 | 0.601 | 0.598 | 0.597 | 0.596 | 0.596 |
|  | 39 | 0.728 | 0.725 | 0.721 | 0.713 | 0.709 | 0.698 | 0.688 | 0.679 | 0.670 | 0.660 | 0.651 | 0.643 | 0.635 | 0.629 | 0.624 | 0.621 | 0.618 | 0.617 | 0.616 | 0.616 |
|  | 40 | 0.748 | 0.746 | 0.741 | 0.733 | 0.729 | 0.718 | 0.708 | 0.699 | 0.689 | 0.678 | 0.669 | 0.661 | 0.653 | 0.647 | 0.642 | 0.639 | 0.636 | 0.634 | 0.634 | 0.634 |
|  | 41 | 0.772 | 0.770 | 0.765 | 0.757 | 0.752 | 0.741 | 0.730 | 0.721 | 0.711 | 0.700 | 0.691 | 0.682 | 0.674 | 0.668 | 0.663 | 0.660 | 0.656 | 0.655 | 0.654 | 0.654 |
|  | 42 | 0.789 | 0.787 | 0.781 | 0.773 | 0.769 | 0.757 | 0.746 | 0.737 | 0.727 | 0.715 | 0.706 | 0.698 | 0.689 | 0.683 | 0.678 | 0.675 | 0.671 | 0.669 | 0.669 | 0.669 |
|  | 43 | 0.807 | 0.805 | 0.799 | 0.791 | 0.787 | 0.775 | 0.764 | 0.754 | 0.744 | 0.732 | 0.723 | 0.714 | 0.705 | 0.699 | 0.693 | 0.690 | 0.687 | 0.685 | 0.684 | 0.684 |
|  | 44 | 0.833 | 0.830 | 0.824 | 0.816 | 0.811 | 0.799 | 0.788 | 0.778 | 0.767 | 0.755 | 0.745 | 0.736 | 0.728 | 0.721 | 0.715 | 0.712 | 0.708 | 0.706 | 0.706 | 0.706 |
|  | 45 | 0.861 | 0.858 | 0.852 | 0.843 | 0.839 | 0.826 | 0.814 | 0.804 | 0.793 | 0.780 | 0.771 | 0.761 | 0.752 | 0.745 | 0.739 | 0.736 | 0.732 | 0.730 | 0.730 | 0.730 |
|  | 46 | 0.880 | 0.877 | 0.871 | 0.862 | 0.857 | 0.844 | 0.832 | 0.822 | 0.811 | 0.798 | 0.788 | 0.778 | 0.769 | 0.762 | 0.756 | 0.752 | 0.748 | 0.746 | 0.746 | 0.746 |
|  | 47 | 0.904 | 0.901 | 0.895 | 0.886 | 0.881 | 0.868 | 0.855 | 0.845 | 0.833 | 0.820 | 0.810 | 0.800 | 0.791 | 0.783 | 0.777 | 0.774 | 0.770 | 0.767 | 0.767 | 0.767 |
|  | 48 | 0.921 | 0.918 | 0.912 | 0.903 | 0.898 | 0.884 | 0.871 | 0.860 | 0.849 | 0.836 | 0.825 | 0.815 | 0.806 | 0.798 | 0.792 | 0.788 | 0.784 | 0.782 | 0.781 | 0.781 |
|  | 49 | 0.951 | 0.948 | 0.941 | 0.932 | 0.926 | 0.912 | 0.899 | 0.888 | 0.876 | 0.862 | 0.852 | 0.841 | 0.832 | 0.824 | 0.817 | 0.813 | 0.809 | 0.807 | 0.806 | 0.806 |
|  | 50 | 0.972 | 0.968 | 0.962 | 0.952 | 0.947 | 0.932 | 0.919 | 0.908 | 0.896 | 0.881 | 0.870 | 0.860 | 0.850 | 0.842 | 0.835 | 0.831 | 0.827 | 0.825 | 0.824 | 0.824 |

Table 2C.12. (continued)

## j. All Thursdays and variable Mondays

|  |  | Starting Sept 18 | Starting Sept 11 | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | Starting Aug 7 | Starting July 31 | Starting July 24 | Starting July 17 | Starting July 10 | Starting | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 29 \\ & \hline \end{aligned}$ | Starting May 22 | Starting May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,751 | 68,521 | 68,103 | 67,540 | 66,566 | 65,413 | 64,337 | 63,208 | 62,109 | 60,975 | 59,977 | 59,256 | 58,332 | 57,669 | 57,262 | 56,907 | 56,621 | 56,454 | 56,425 | 56,408 |
|  | 35 | 0.615 | 0.612 | 0.609 | 0.604 | 0.595 | 0.585 | 0.575 | 0.565 | 0.556 | 0.546 | 0.537 | 0.530 | 0.522 | 0.516 | 0.512 | 0.509 | 0.506 | 0.505 | 0.505 | 0.505 |
|  | 36 | 0.651 | 0.648 | 0.645 | 0.639 | 0.630 | 0.619 | 0.609 | 0.599 | 0.588 | 0.578 | 0.569 | 0.562 | 0.553 | 0.546 | 0.543 | 0.539 | 0.536 | 0.535 | 0.534 | 0.534 |
|  | 37 | 0.672 | 0.670 | 0.666 | 0.660 | 0.651 | 0.640 | 0.629 | 0.618 | 0.608 | 0.597 | 0.587 | 0.580 | 0.571 | 0.565 | 0.561 | 0.557 | 0.554 | 0.552 | 0.552 | 0.552 |
|  | 38 | 0.705 | 0.702 | 0.698 | 0.692 | 0.682 | 0.671 | 0.660 | 0.648 | 0.637 | 0.626 | 0.616 | 0.608 | 0.599 | 0.592 | 0.588 | 0.584 | 0.581 | 0.579 | 0.579 | 0.578 |
|  | 39 | 0.728 | 0.726 | 0.722 | 0.716 | 0.705 | 0.693 | 0.682 | 0.670 | 0.659 | 0.647 | 0.637 | 0.629 | 0.619 | 0.612 | 0.607 | 0.604 | 0.600 | 0.599 | 0.598 | 0.598 |
|  | 40 | 0.749 | 0.746 | 0.742 | 0.736 | 0.725 | 0.713 | 0.701 | 0.689 | 0.677 | 0.665 | 0.655 | 0.647 | 0.637 | 0.629 | 0.625 | 0.621 | 0.617 | 0.615 | 0.615 | 0.615 |
|  | 41 | 0.773 | 0.770 | 0.766 | 0.759 | 0.748 | 0.736 | 0.724 | 0.711 | 0.699 | 0.687 | 0.676 | 0.668 | 0.657 | 0.650 | 0.645 | 0.641 | 0.637 | 0.635 | 0.635 | 0.635 |
|  | 42 | 0.790 | 0.787 | 0.783 | 0.776 | 0.765 | 0.752 | 0.740 | 0.727 | 0.714 | 0.702 | 0.691 | 0.683 | 0.672 | 0.664 | 0.659 | 0.655 | 0.651 | 0.649 | 0.649 | 0.649 |
|  | 43 | 0.808 | 0.805 | 0.800 | 0.794 | 0.782 | 0.769 | 0.757 | 0.743 | 0.731 | 0.718 | 0.707 | 0.698 | 0.687 | 0.679 | 0.674 | 0.670 | 0.666 | 0.664 | 0.664 | 0.664 |
|  | 44 | 0.833 | 0.830 | 0.826 | 0.819 | 0.807 | 0.793 | 0.780 | 0.767 | 0.754 | 0.741 | 0.729 | 0.720 | 0.709 | 0.701 | 0.696 | 0.691 | 0.687 | 0.685 | 0.685 | 0.685 |
|  | 45 | 0.861 | 0.858 | 0.853 | 0.846 | 0.834 | 0.820 | 0.807 | 0.793 | 0.779 | 0.766 | 0.754 | 0.745 | 0.733 | 0.724 | 0.719 | 0.714 | 0.710 | 0.708 | 0.708 | 0.707 |
|  | 46 | 0.880 | 0.877 | 0.872 | 0.865 | 0.852 | 0.838 | 0.824 | 0.810 | 0.796 | 0.783 | 0.770 | 0.761 | 0.749 | 0.740 | 0.735 | 0.730 | 0.726 | 0.724 | 0.723 | 0.723 |
|  | 47 | 0.905 | 0.902 | 0.896 | 0.889 | 0.876 | 0.861 | 0.848 | 0.833 | 0.819 | 0.805 | 0.792 | 0.782 | 0.770 | 0.761 | 0.755 | 0.750 | 0.746 | 0.744 | 0.744 | 0.743 |
|  | 48 | 0.922 | 0.918 | 0.913 | 0.905 | 0.893 | 0.877 | 0.863 | 0.848 | 0.834 | 0.820 | 0.807 | 0.797 | 0.785 | 0.776 | 0.770 | 0.764 | 0.760 | 0.758 | 0.757 | 0.757 |
|  | 49 | 0.951 | 0.948 | 0.943 | 0.935 | 0.921 | 0.906 | 0.891 | 0.876 | 0.861 | 0.846 | 0.833 | 0.823 | 0.810 | 0.800 | 0.794 | 0.789 | 0.785 | 0.782 | 0.782 | 0.782 |
|  | 50 | 0.972 | 0.969 | 0.963 | 0.955 | 0.941 | 0.925 | 0.911 | 0.895 | 0.880 | 0.865 | 0.851 | 0.841 | 0.828 | 0.818 | 0.812 | 0.806 | 0.802 | 0.799 | 0.799 | 0.799 |

k. All Fridays and variable Mondays

|  |  | Starting Sept 18 | Starting <br> Sept 11 | Starting Sept 4 | Starting Aug 28 | Starting <br> Aug 21 | Starting Aug 14 | Starting Aug 7 | Starting July 31 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 24 \\ \hline \end{array}$ | Starting July 17 | Starting July 10 | Starting July 3 | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | Starting May 29 | Starting May 22 | Starting May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,695 | 68,465 | 68,047 | 67,484 | 66,510 | 65,357 | 64,281 | 63,152 | 62,053 | 60,919 | 59,921 | 59,200 | 58,276 | 57,613 | 57,206 | 56,851 | 56,565 | 56,398 | 56,369 | 56,352 |
| $E$ | 35 | 0.613 | 0.611 | 0.608 | 0.603 | 0.594 | 0.584 | 0.574 | 0.564 | 0.555 | 0.545 | 0.536 | 0.529 | 0.521 | 0.515 | 0.511 | 0.508 | 0.505 | 0.504 | 0.504 | 0.503 |
|  | 36 | 0.650 | 0.647 | 0.644 | 0.638 | 0.629 | 0.618 | 0.608 | 0.598 | 0.587 | 0.577 | 0.567 | 0.561 | 0.552 | 0.545 | 0.542 | 0.538 | 0.535 | 0.534 | 0.533 | 0.533 |
|  | 37 | 0.671 | 0.669 | 0.665 | 0.659 | 0.650 | 0.639 | 0.628 | 0.617 | 0.607 | 0.596 | 0.586 | 0.579 | 0.570 | 0.564 | 0.560 | 0.556 | 0.553 | 0.551 | 0.551 | 0.551 |
|  | 38 | 0.704 | 0.701 | 0.697 | 0.691 | 0.681 | 0.670 | 0.659 | 0.647 | 0.636 | 0.625 | 0.615 | 0.607 | 0.598 | 0.591 | 0.587 | 0.583 | 0.580 | 0.578 | 0.578 | 0.578 |
|  | 39 | 0.727 | 0.725 | 0.721 | 0.715 | 0.704 | 0.692 | 0.681 | 0.669 | 0.658 | 0.646 | 0.636 | 0.628 | 0.618 | 0.611 | 0.607 | 0.603 | 0.599 | 0.598 | 0.597 | 0.597 |
|  | 40 | 0.748 | 0.745 | 0.741 | 0.735 | 0.724 | 0.712 | 0.700 | 0.688 | 0.676 | 0.664 | 0.654 | 0.646 | 0.636 | 0.628 | 0.624 | 0.620 | 0.616 | 0.614 | 0.614 | 0.614 |
|  | 41 | 0.772 | 0.769 | 0.765 | 0.758 | 0.747 | 0.735 | 0.723 | 0.710 | 0.698 | 0.686 | 0.675 | 0.667 | 0.656 | 0.649 | 0.644 | 0.640 | 0.636 | 0.634 | 0.634 | 0.634 |
|  | 42 | 0.789 | 0.786 | 0.782 | 0.775 | 0.764 | 0.751 | 0.739 | 0.726 | 0.713 | 0.701 | 0.690 | 0.681 | 0.671 | 0.663 | 0.658 | 0.654 | 0.650 | 0.648 | 0.648 | 0.648 |
|  | 43 | 0.807 | 0.804 | 0.799 | 0.793 | 0.781 | 0.768 | 0.756 | 0.743 | 0.730 | 0.717 | 0.706 | 0.697 | 0.686 | 0.678 | 0.673 | 0.669 | 0.665 | 0.663 | 0.663 | 0.663 |
|  | 44 | 0.832 | 0.829 | 0.825 | 0.818 | 0.806 | 0.792 | 0.779 | 0.766 | 0.753 | 0.740 | 0.728 | 0.719 | 0.708 | 0.700 | 0.695 | 0.690 | 0.686 | 0.684 | 0.684 | 0.684 |
|  | 45 | 0.860 | 0.857 | 0.852 | 0.845 | 0.833 | 0.819 | 0.806 | 0.792 | 0.778 | 0.765 | 0.753 | 0.744 | 0.732 | 0.723 | 0.718 | 0.713 | 0.709 | 0.707 | 0.707 | 0.706 |
|  | 46 | 0.879 | 0.876 | 0.871 | 0.864 | 0.851 | 0.837 | 0.823 | 0.809 | 0.795 | 0.782 | 0.769 | 0.760 | 0.748 | 0.739 | 0.734 | 0.729 | 0.725 | 0.723 | 0.722 | 0.722 |
|  | 47 | 0.904 | 0.901 | 0.895 | 0.888 | 0.875 | 0.860 | 0.846 | 0.832 | 0.818 | 0.804 | 0.791 | 0.781 | 0.769 | 0.760 | 0.754 | 0.749 | 0.745 | 0.743 | 0.742 | 0.742 |
|  | 48 | 0.921 | 0.917 | 0.912 | 0.904 | 0.891 | 0.876 | 0.862 | 0.847 | 0.833 | 0.819 | 0.806 | 0.796 | 0.784 | 0.774 | 0.769 | 0.763 | 0.759 | 0.757 | 0.756 | 0.756 |
|  | 49 | 0.950 | 0.947 | 0.941 | 0.933 | 0.920 | 0.905 | 0.890 | 0.874 | 0.860 | 0.845 | 0.831 | 0.822 | 0.809 | 0.799 | 0.793 | 0.788 | 0.784 | 0.781 | 0.781 | 0.780 |
|  | 50 | 0.971 | 0.967 | 0.962 | 0.954 | 0.940 | 0.924 | 0.909 | 0.894 | 0.878 | 0.863 | 0.850 | 0.840 | 0.827 | 0.817 | 0.811 | 0.805 | 0.801 | 0.798 | 0.798 | 0.797 |

Table 2C.12. (continued)
I. All Fridays and variable Tuesdays

|  | Starting Sept 19 |  | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 12 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 5 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 29 \\ \hline \end{array}$ | Starting Aug 22 | Starting Aug 15 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 8 \end{array}$ | Starting Aug 1 | Starting July 25 | Starting July 18 | Starting July 11 | Starting July 4 | Starting June 27 | Starting June 20 | Starting June 13 | Starting June 6 | Starting May 30 | $\begin{aligned} & \text { Starting } \\ & \text { May } 23 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 16 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 68,679 | 68,446 | 68,019 | 67,395 | 66,710 | 65,642 | 64,528 | 63,394 | 62,405 | 61,486 | 60,442 | 59,722 | 58,809 | 58,184 | 57,952 | 57,633 | 57,432 | 57,358 | 57,322 | 57,317 |
| $\cong$ | 35 | 0.613 | 0.611 | 0.607 | 0.602 | 0.596 | 0.586 | 0.576 | 0.566 | 0.557 | 0.549 | 0.539 | 0.533 | 0.525 | 0.519 | 0.517 | 0.514 | 0.512 | 0.511 | 0.511 | 0.511 |
|  | 36 | 0.650 | 0.647 | 0.643 | 0.637 | 0.631 | 0.621 | 0.610 | 0.599 | 0.590 | 0.581 | 0.571 | 0.565 | 0.556 | 0.550 | 0.548 | 0.544 | 0.542 | 0.542 | 0.541 | 0.541 |
|  | 37 | 0.671 | 0.669 | 0.665 | 0.659 | 0.652 | 0.641 | 0.630 | 0.619 | 0.609 | 0.600 | 0.590 | 0.583 | 0.574 | 0.568 | 0.566 | 0.562 | 0.560 | 0.560 | 0.559 | 0.559 |
|  | 38 | 0.703 | 0.701 | 0.697 | 0.690 | 0.683 | 0.672 | 0.661 | 0.649 | 0.639 | 0.629 | 0.619 | 0.611 | 0.602 | 0.596 | 0.593 | 0.590 | 0.587 | 0.587 | 0.586 | 0.586 |
|  | 39 | 0.727 | 0.725 | 0.720 | 0.714 | 0.706 | 0.695 | 0.683 | 0.671 | 0.660 | 0.651 | 0.640 | 0.632 | 0.623 | 0.616 | 0.613 | 0.610 | 0.607 | 0.606 | 0.606 | 0.606 |
|  | 40 | 0.748 | 0.745 | 0.741 | 0.734 | 0.726 | 0.714 | 0.702 | 0.690 | 0.679 | 0.669 | 0.658 | 0.650 | 0.640 | 0.633 | 0.630 | 0.627 | 0.624 | 0.623 | 0.623 | 0.623 |
|  | 41 | 0.772 | 0.769 | 0.764 | 0.757 | 0.749 | 0.737 | 0.725 | 0.712 | 0.700 | 0.690 | 0.679 | 0.671 | 0.660 | 0.653 | 0.650 | 0.647 | 0.644 | 0.643 | 0.643 | 0.643 |
|  | 42 | 0.789 | 0.786 | 0.781 | 0.774 | 0.765 | 0.753 | 0.741 | 0.727 | 0.716 | 0.705 | 0.693 | 0.685 | 0.675 | 0.668 | 0.665 | 0.661 | 0.658 | 0.657 | 0.657 | 0.657 |
|  | 43 | 0.807 | 0.804 | 0.799 | 0.791 | 0.783 | 0.770 | 0.758 | 0.744 | 0.732 | 0.721 | 0.709 | 0.701 | 0.690 | 0.683 | 0.680 | 0.676 | 0.673 | 0.672 | 0.672 | 0.672 |
|  | 44 | 0.832 | 0.829 | 0.824 | 0.816 | 0.808 | 0.795 | 0.781 | 0.767 | 0.755 | 0.744 | 0.732 | 0.723 | 0.712 | 0.704 | 0.701 | 0.697 | 0.694 | 0.693 | 0.693 | 0.693 |
|  | 45 | 0.860 | 0.857 | 0.852 | 0.844 | 0.835 | 0.821 | 0.808 | 0.793 | 0.780 | 0.769 | 0.756 | 0.747 | 0.736 | 0.728 | 0.725 | 0.720 | 0.718 | 0.717 | 0.716 | 0.716 |
|  | 46 | 0.879 | 0.876 | 0.871 | 0.862 | 0.853 | 0.839 | 0.825 | 0.810 | 0.797 | 0.786 | 0.773 | 0.764 | 0.752 | 0.744 | 0.741 | 0.736 | 0.733 | 0.732 | 0.732 | 0.732 |
|  | 47 | 0.904 | 0.901 | 0.895 | 0.886 | 0.877 | 0.863 | 0.848 | 0.833 | 0.820 | 0.808 | 0.794 | 0.785 | 0.773 | 0.765 | 0.761 | 0.757 | 0.754 | 0.753 | 0.752 | 0.752 |
|  | 48 | 0.920 | 0.917 | 0.912 | 0.903 | 0.893 | 0.879 | 0.864 | 0.848 | 0.835 | 0.823 | 0.809 | 0.800 | 0.788 | 0.779 | 0.776 | 0.771 | 0.768 | 0.767 | 0.766 | 0.766 |
|  | 49 | 0.950 | 0.947 | 0.941 | 0.932 | 0.922 | 0.907 | 0.892 | 0.876 | 0.862 | 0.849 | 0.835 | 0.825 | 0.813 | 0.804 | 0.800 | 0.795 | 0.792 | 0.791 | 0.791 | 0.791 |
|  | 50 | 0.971 | 0.967 | 0.961 | 0.952 | 0.942 | 0.927 | 0.911 | 0.895 | 0.880 | 0.868 | 0.853 | 0.843 | 0.830 | 0.821 | 0.818 | 0.813 | 0.809 | 0.808 | 0.808 | 0.808 |

m . All Saturdays and variable Tuesdays

|  |  | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 19 \end{array}$ | Starting Sept 12 | Starting Sept 5 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 29 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 22 \\ \hline \end{array}$ | Starting Aug 15 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 8 \end{array}$ | Starting Aug 1 | $\begin{array}{r} \text { Starting } \\ \text { July } 25 \\ \hline \end{array}$ | Starting July 18 | Starting July 11 | $\begin{array}{r} \text { Starting } \\ \text { July } 4 \end{array}$ | Starting June 27 | $\begin{aligned} & \text { Starting } \\ & \text { June } 20 \end{aligned}$ | Starting June 13 | Starting June 6 | Starting May 30 | $\begin{aligned} & \text { Starting } \\ & \text { May } 23 \end{aligned}$ | Starting May 16 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 69,278 | 69,045 | 68,618 | 67,994 | 67,309 | 66,241 | 65,127 | 63,993 | 63,004 | 62,085 | 61,041 | 60,321 | 59,408 | 58,783 | 58,551 | 58,232 | 58,031 | 57,957 | 57,921 | 57,916 |
|  | 35 | 0.619 | 0.617 | 0.613 | 0.608 | 0.601 | 0.592 | 0.582 | 0.572 | 0.563 | 0.554 | 0.545 | 0.539 | 0.531 | 0.525 | 0.523 | 0.520 | 0.518 | 0.517 | 0.517 | 0.517 |
|  | 36 | 0.656 | 0.654 | 0.650 | 0.644 | 0.637 | 0.627 | 0.616 | 0.605 | 0.596 | 0.587 | 0.577 | 0.571 | 0.562 | 0.556 | 0.554 | 0.551 | 0.549 | 0.548 | 0.548 | 0.548 |
|  | 37 | 0.677 | 0.675 | 0.671 | 0.665 | 0.658 | 0.648 | 0.637 | 0.625 | 0.616 | 0.607 | 0.597 | 0.590 | 0.581 | 0.575 | 0.572 | 0.569 | 0.567 | 0.566 | 0.566 | 0.566 |
|  | 38 | 0.710 | 0.708 | 0.704 | 0.697 | 0.690 | 0.679 | 0.667 | 0.656 | 0.645 | 0.636 | 0.625 | 0.618 | 0.609 | 0.602 | 0.600 | 0.596 | 0.594 | 0.593 | 0.593 | 0.593 |
|  | 39 | 0.734 | 0.732 | 0.727 | 0.721 | 0.713 | 0.702 | 0.690 | 0.678 | 0.667 | 0.658 | 0.647 | 0.639 | 0.630 | 0.623 | 0.620 | 0.617 | 0.614 | 0.614 | 0.613 | 0.613 |
|  | 40 | 0.755 | 0.753 | 0.748 | 0.741 | 0.733 | 0.722 | 0.710 | 0.697 | 0.686 | 0.676 | 0.665 | 0.657 | 0.647 | 0.640 | 0.638 | 0.634 | 0.632 | 0.631 | 0.630 | 0.630 |
|  | 41 | 0.780 | 0.777 | 0.772 | 0.765 | 0.757 | 0.745 | 0.732 | 0.719 | 0.708 | 0.698 | 0.686 | 0.678 | 0.668 | 0.661 | 0.658 | 0.654 | 0.652 | 0.651 | 0.651 | 0.651 |
|  | 42 | 0.797 | 0.794 | 0.789 | 0.782 | 0.773 | 0.761 | 0.749 | 0.735 | 0.724 | 0.713 | 0.701 | 0.693 | 0.683 | 0.676 | 0.673 | 0.669 | 0.666 | 0.665 | 0.665 | 0.665 |
|  | 43 | 0.815 | 0.812 | 0.807 | 0.800 | 0.791 | 0.779 | 0.766 | 0.752 | 0.740 | 0.730 | 0.717 | 0.709 | 0.699 | 0.691 | 0.688 | 0.684 | 0.681 | 0.681 | 0.680 | 0.680 |
|  | 44 | 0.841 | 0.838 | 0.833 | 0.825 | 0.816 | 0.803 | 0.790 | 0.776 | 0.764 | 0.753 | 0.740 | 0.732 | 0.721 | 0.713 | 0.710 | 0.706 | 0.703 | 0.702 | 0.702 | 0.702 |
|  | 45 | 0.869 | 0.866 | 0.861 | 0.853 | 0.844 | 0.830 | 0.817 | 0.802 | 0.789 | 0.778 | 0.765 | 0.756 | 0.745 | 0.737 | 0.734 | 0.729 | 0.727 | 0.726 | 0.725 | 0.725 |
|  | 46 | 0.888 | 0.885 | 0.880 | 0.871 | 0.862 | 0.849 | 0.834 | 0.819 | 0.807 | 0.795 | 0.782 | 0.773 | 0.761 | 0.753 | 0.750 | 0.745 | 0.742 | 0.742 | 0.741 | 0.741 |
|  | 47 | 0.913 | 0.910 | 0.904 | 0.896 | 0.886 | 0.872 | 0.858 | 0.842 | 0.829 | 0.818 | 0.804 | 0.795 | 0.783 | 0.774 | 0.771 | 0.766 | 0.763 | 0.762 | 0.762 | 0.762 |
|  | 48 | 0.930 | 0.927 | 0.921 | 0.913 | 0.903 | 0.889 | 0.874 | 0.858 | 0.845 | 0.833 | 0.819 | 0.810 | 0.798 | 0.789 | 0.785 | 0.781 | 0.778 | 0.777 | 0.776 | 0.776 |
|  | 49 | 0.960 | 0.957 | 0.951 | 0.942 | 0.932 | 0.917 | 0.902 | 0.886 | 0.872 | 0.860 | 0.845 | 0.835 | 0.823 | 0.814 | 0.810 | 0.806 | 0.803 | 0.801 | 0.801 | 0.801 |
|  | 50 | 0.981 | 0.978 | 0.972 | 0.963 | 0.952 | 0.937 | 0.922 | 0.905 | 0.891 | 0.878 | 0.864 | 0.854 | 0.841 | 0.832 | 0.828 | 0.823 | 0.820 | 0.819 | 0.818 | 0.818 |

Table 2C.12. (continued)
n. All Saturdays and variable Wednesdays

|  |  | Starting Sept 20 | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 13 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 6 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Aug } 30 \end{array}$ | Starting Aug 23 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 16 \\ \hline \end{array}$ | Starting Aug 9 | Starting Aug 2 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 26 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 19 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 12 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 5 \end{array}$ | Starting June 28 | Starting June 21 | Starting June 14 | Starting June 7 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 31 \\ & \hline \end{aligned}$ | Starting May 24 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 17 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 69,282 | 69,092 | 68,719 | 68,088 | 67,435 | 66,420 | 65,471 | 64,367 | 63,580 | 62,624 | 61,583 | 60,803 | 59,916 | 59,164 | 58,704 | 58,337 | 58,074 | 57,903 | 57,885 | 57,868 |
|  | 35 | 0.619 | 0.617 | 0.614 | 0.608 | 0.602 | 0.593 | 0.585 | 0.575 | 0.568 | 0.559 | 0.550 | 0.543 | 0.535 | 0.528 | 0.524 | 0.520 | 0.518 | 0.516 | 0.516 | 0.516 |
|  | 36 | 0.656 | 0.654 | 0.650 | 0.644 | 0.638 | 0.628 | 0.619 | 0.609 | 0.601 | 0.592 | 0.582 | 0.575 | 0.567 | 0.559 | 0.555 | 0.551 | 0.549 | 0.547 | 0.547 | 0.547 |
|  | 37 | 0.678 | 0.676 | 0.672 | 0.666 | 0.659 | 0.649 | 0.640 | 0.629 | 0.621 | 0.612 | 0.602 | 0.594 | 0.585 | 0.578 | 0.573 | 0.569 | 0.567 | 0.565 | 0.565 | 0.565 |
|  | 38 | 0.710 | 0.708 | 0.704 | 0.698 | 0.691 | 0.681 | 0.671 | 0.659 | 0.651 | 0.641 | 0.631 | 0.623 | 0.614 | 0.606 | 0.601 | 0.597 | 0.594 | 0.592 | 0.592 | 0.592 |
|  | 39 | 0.734 | 0.732 | 0.728 | 0.721 | 0.714 | 0.704 | 0.694 | 0.682 | 0.673 | 0.663 | 0.652 | 0.644 | 0.635 | 0.626 | 0.621 | 0.617 | 0.614 | 0.612 | 0.612 | 0.612 |
|  | 40 | 0.755 | 0.753 | 0.749 | 0.742 | 0.735 | 0.724 | 0.713 | 0.701 | 0.692 | 0.682 | 0.671 | 0.662 | 0.653 | 0.644 | 0.639 | 0.635 | 0.631 | 0.629 | 0.629 | 0.629 |
|  | 41 | 0.780 | 0.777 | 0.773 | 0.766 | 0.758 | 0.747 | 0.736 | 0.723 | 0.714 | 0.704 | 0.692 | 0.683 | 0.673 | 0.665 | 0.659 | 0.655 | 0.652 | 0.650 | 0.649 | 0.649 |
|  | 42 | 0.797 | 0.794 | 0.790 | 0.783 | 0.775 | 0.763 | 0.752 | 0.739 | 0.730 | 0.719 | 0.707 | 0.698 | 0.688 | 0.679 | 0.674 | 0.669 | 0.666 | 0.664 | 0.664 | 0.663 |
|  | 43 | 0.815 | 0.813 | 0.808 | 0.801 | 0.793 | 0.781 | 0.770 | 0.756 | 0.747 | 0.736 | 0.723 | 0.714 | 0.704 | 0.695 | 0.689 | 0.684 | 0.681 | 0.679 | 0.679 | 0.678 |
|  | 44 | 0.841 | 0.838 | 0.834 | 0.826 | 0.818 | 0.806 | 0.794 | 0.780 | 0.770 | 0.759 | 0.746 | 0.737 | 0.726 | 0.717 | 0.711 | 0.706 | 0.703 | 0.700 | 0.700 | 0.700 |
|  | 45 | 0.869 | 0.866 | 0.862 | 0.854 | 0.845 | 0.833 | 0.821 | 0.806 | 0.796 | 0.784 | 0.771 | 0.762 | 0.751 | 0.741 | 0.735 | 0.730 | 0.726 | 0.724 | 0.724 | 0.723 |
|  | 46 | 0.888 | 0.885 | 0.881 | 0.872 | 0.864 | 0.851 | 0.838 | 0.824 | 0.814 | 0.802 | 0.788 | 0.779 | 0.767 | 0.757 | 0.751 | 0.746 | 0.742 | 0.740 | 0.739 | 0.739 |
|  | 47 | 0.913 | 0.910 | 0.905 | 0.897 | 0.888 | 0.875 | 0.862 | 0.847 | 0.837 | 0.824 | 0.810 | 0.801 | 0.789 | 0.778 | 0.772 | 0.767 | 0.763 | 0.760 | 0.760 | 0.760 |
|  | 48 | 0.930 | 0.927 | 0.922 | 0.914 | 0.905 | 0.891 | 0.878 | 0.863 | 0.852 | 0.840 | 0.826 | 0.816 | 0.804 | 0.793 | 0.786 | 0.781 | 0.777 | 0.775 | 0.774 | 0.774 |
|  | 49 | 0.960 | 0.957 | 0.952 | 0.943 | 0.934 | 0.920 | 0.906 | 0.891 | 0.880 | 0.866 | 0.852 | 0.842 | 0.829 | 0.818 | 0.811 | 0.806 | 0.802 | 0.799 | 0.799 | 0.799 |
|  | 50 | 0.981 | 0.978 | 0.973 | 0.964 | 0.954 | 0.940 | 0.926 | 0.910 | 0.899 | 0.885 | 0.871 | 0.860 | 0.847 | 0.836 | 0.829 | 0.823 | 0.819 | 0.816 | 0.816 | 0.816 |

Table 2C.13. Projected charter removals (Mlb) and harvest for Area 2C in 2023 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with one days closed for the entire the season and a second day closed for part of the season with at least two days in between closures, and a 3 -fish annual limit. Shaded cells represent projections for the most liberal upper and lower size limits that do not exceed the 2022 allocation of 0.82 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

## a. All Sundays and variable Wednesdays and 3 fish annual limit

|  |  | Starting Sept 20 | Starting Sept 13 | Starting Sept 6 | Starting Aug 30 | Starting Aug 23 | Starting Aug 16 | Starting Aug 9 | Starting Aug 2 | Starting July 26 | Starting July 19 | Starting July 12 | Starting July 5 | Starting June 28 | Starting June 21 | Starting June 14 | Starting June 7 | Starting May 31 | Starting May 24 | Starting May 17 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,985 | 64,811 | 64,463 | 63,873 | 63,270 | 62,326 | 61,443 | 60,414 | 59,684 | 58,794 | 57,825 | 57,103 | 56,281 | 55,580 | 55,149 | 54,804 | 54,557 | 54,396 | 54,379 | 54,363 |
|  | 35 | 0.582 | 0.580 | 0.577 | 0.572 | 0.566 | 0.558 | 0.550 | 0.541 | 0.534 | 0.526 | 0.517 | 0.511 | 0.504 | 0.497 | 0.493 | 0.490 | 0.488 | 0.486 | 0.486 | 0.486 |
|  | 36 | 0.616 | 0.614 | 0.611 | 0.606 | 0.600 | 0.591 | 0.582 | 0.573 | 0.566 | 0.557 | 0.548 | 0.541 | 0.533 | 0.527 | 0.522 | 0.519 | 0.517 | 0.515 | 0.515 | 0.515 |
|  | 37 | 0.637 | 0.635 | 0.631 | 0.626 | 0.620 | 0.610 | 0.602 | 0.592 | 0.584 | 0.576 | 0.566 | 0.559 | 0.551 | 0.544 | 0.540 | 0.536 | 0.534 | 0.532 | 0.532 | 0.532 |
|  | 38 | 0.667 | 0.665 | 0.662 | 0.656 | 0.649 | 0.640 | 0.631 | 0.620 | 0.612 | 0.603 | 0.593 | 0.586 | 0.578 | 0.570 | 0.566 | 0.562 | 0.559 | 0.558 | 0.557 | 0.557 |
|  | 39 | 0.690 | 0.688 | 0.684 | 0.678 | 0.671 | 0.662 | 0.652 | 0.641 | 0.633 | 0.624 | 0.614 | 0.606 | 0.597 | 0.590 | 0.585 | 0.581 | 0.578 | 0.576 | 0.576 | 0.576 |
|  | 40 | 0.710 | 0.708 | 0.704 | 0.697 | 0.691 | 0.680 | 0.671 | 0.659 | 0.651 | 0.642 | 0.631 | 0.623 | 0.614 | 0.606 | 0.601 | 0.597 | 0.595 | 0.593 | 0.593 | 0.592 |
|  | 41 | 0.732 | 0.730 | 0.726 | 0.720 | 0.713 | 0.702 | 0.692 | 0.680 | 0.672 | 0.662 | 0.651 | 0.643 | 0.634 | 0.626 | 0.621 | 0.617 | 0.614 | 0.612 | 0.611 | 0.611 |
|  | 42 | 0.749 | 0.746 | 0.742 | 0.736 | 0.728 | 0.718 | 0.707 | 0.695 | 0.687 | 0.677 | 0.665 | 0.657 | 0.648 | 0.640 | 0.634 | 0.630 | 0.627 | 0.625 | 0.625 | 0.625 |
|  | 43 | 0.766 | 0.763 | 0.759 | 0.752 | 0.745 | 0.734 | 0.723 | 0.711 | 0.702 | 0.692 | 0.681 | 0.672 | 0.663 | 0.654 | 0.649 | 0.644 | 0.641 | 0.639 | 0.639 | 0.639 |
|  | 44 | 0.790 | 0.788 | 0.783 | 0.776 | 0.769 | 0.757 | 0.747 | 0.734 | 0.725 | 0.714 | 0.702 | 0.694 | 0.684 | 0.675 | 0.669 | 0.665 | 0.662 | 0.660 | 0.659 | 0.659 |
|  | 45 | 0.817 | 0.814 | 0.810 | 0.802 | 0.795 | 0.783 | 0.772 | 0.759 | 0.749 | 0.738 | 0.726 | 0.717 | 0.707 | 0.698 | 0.692 | 0.687 | 0.684 | 0.682 | 0.682 | 0.681 |
|  | 46 | 0.835 | 0.832 | 0.828 | 0.820 | 0.812 | 0.800 | 0.789 | 0.775 | 0.766 | 0.754 | 0.742 | 0.733 | 0.723 | 0.713 | 0.707 | 0.702 | 0.699 | 0.697 | 0.697 | 0.696 |
|  | 47 | 0.858 | 0.856 | 0.851 | 0.843 | 0.835 | 0.823 | 0.811 | 0.797 | 0.787 | 0.776 | 0.763 | 0.754 | 0.743 | 0.733 | 0.727 | 0.722 | 0.719 | 0.716 | 0.716 | 0.716 |
|  | 48 | 0.875 | 0.872 | 0.867 | 0.859 | 0.851 | 0.838 | 0.826 | 0.812 | 0.802 | 0.790 | 0.777 | 0.768 | 0.757 | 0.747 | 0.741 | 0.736 | 0.732 | 0.730 | 0.730 | 0.729 |
|  | 49 | 0.903 | 0.900 | 0.895 | 0.887 | 0.878 | 0.865 | 0.853 | 0.838 | 0.828 | 0.816 | 0.802 | 0.793 | 0.781 | 0.771 | 0.764 | 0.759 | 0.755 | 0.753 | 0.753 | 0.753 |
|  | 50 | 0.922 | 0.919 | 0.914 | 0.906 | 0.897 | 0.884 | 0.871 | 0.856 | 0.846 | 0.833 | 0.820 | 0.810 | 0.798 | 0.788 | 0.781 | 0.776 | 0.772 | 0.769 | 0.769 | 0.769 |

Table 2C.13. (continued)
b. All Sundays and variable Thursdays and 3 fish annual limit

|  | Starting Sept 21 |  | Starting Sept 14 | Starting Sept 7 | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | Starting Aug 10 | Starting Aug 3 | Starting July 27 | Starting July 20 | Starting July 13 | Starting July 6 | Starting June 29 | Starting June 22 | Starting June 15 | Starting June 8 | Starting Jun 1 | Starting May 25 | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,960 | 64,820 | 64,469 | 63,871 | 63,327 | 62,347 | 61,350 | 60,375 | 59,548 | 58,788 | 57,824 | 57,102 | 56,395 | 55,567 | 54,973 | 54,660 | 54,400 | 54,254 | 54,185 | 54,155 |
| $\cong$ | 35 | 0.582 | 0.580 | 0.577 | 0.572 | 0.567 | 0.558 | 0.550 | 0.541 | 0.534 | 0.527 | 0.518 | 0.512 | 0.506 | 0.498 | 0.493 | 0.490 | 0.488 | 0.486 | 0.486 | 0.485 |
|  | 36 | 0.616 | 0.615 | 0.611 | 0.606 | 0.601 | 0.591 | 0.582 | 0.573 | 0.565 | 0.558 | 0.549 | 0.542 | 0.536 | 0.528 | 0.522 | 0.519 | 0.516 | 0.515 | 0.514 | 0.514 |
|  | 37 | 0.636 | 0.635 | 0.632 | 0.626 | 0.620 | 0.611 | 0.601 | 0.592 | 0.584 | 0.576 | 0.567 | 0.560 | 0.553 | 0.545 | 0.539 | 0.536 | 0.533 | 0.532 | 0.531 | 0.531 |
|  | 38 | 0.667 | 0.666 | 0.662 | 0.656 | 0.650 | 0.640 | 0.630 | 0.620 | 0.612 | 0.604 | 0.594 | 0.587 | 0.580 | 0.572 | 0.565 | 0.562 | 0.559 | 0.558 | 0.557 | 0.557 |
|  | 39 | 0.690 | 0.688 | 0.685 | 0.678 | 0.672 | 0.662 | 0.652 | 0.641 | 0.633 | 0.625 | 0.614 | 0.607 | 0.600 | 0.591 | 0.584 | 0.581 | 0.578 | 0.576 | 0.576 | 0.575 |
|  | 40 | 0.709 | 0.708 | 0.704 | 0.697 | 0.691 | 0.681 | 0.670 | 0.660 | 0.651 | 0.642 | 0.632 | 0.624 | 0.617 | 0.608 | 0.601 | 0.597 | 0.594 | 0.593 | 0.592 | 0.592 |
|  | 41 | 0.732 | 0.730 | 0.727 | 0.720 | 0.714 | 0.703 | 0.692 | 0.681 | 0.671 | 0.663 | 0.652 | 0.644 | 0.637 | 0.627 | 0.620 | 0.617 | 0.613 | 0.612 | 0.611 | 0.611 |
|  | 42 | 0.748 | 0.747 | 0.743 | 0.736 | 0.729 | 0.718 | 0.707 | 0.696 | 0.686 | 0.678 | 0.667 | 0.659 | 0.651 | 0.641 | 0.634 | 0.630 | 0.627 | 0.625 | 0.624 | 0.624 |
|  | 43 | 0.766 | 0.764 | 0.760 | 0.752 | 0.746 | 0.735 | 0.723 | 0.712 | 0.702 | 0.693 | 0.682 | 0.674 | 0.666 | 0.656 | 0.649 | 0.645 | 0.641 | 0.640 | 0.639 | 0.638 |
|  | 44 | 0.790 | 0.788 | 0.784 | 0.776 | 0.770 | 0.758 | 0.746 | 0.735 | 0.724 | 0.715 | 0.704 | 0.695 | 0.687 | 0.677 | 0.669 | 0.665 | 0.662 | 0.660 | 0.659 | 0.659 |
|  | 45 | 0.817 | 0.815 | 0.810 | 0.803 | 0.796 | 0.784 | 0.771 | 0.759 | 0.749 | 0.739 | 0.727 | 0.719 | 0.710 | 0.700 | 0.692 | 0.688 | 0.684 | 0.682 | 0.681 | 0.681 |
|  | 46 | 0.835 | 0.833 | 0.828 | 0.820 | 0.813 | 0.801 | 0.788 | 0.776 | 0.765 | 0.756 | 0.743 | 0.735 | 0.726 | 0.715 | 0.707 | 0.703 | 0.699 | 0.697 | 0.696 | 0.696 |
|  | 47 | 0.858 | 0.856 | 0.851 | 0.843 | 0.836 | 0.824 | 0.810 | 0.798 | 0.787 | 0.777 | 0.764 | 0.756 | 0.746 | 0.736 | 0.727 | 0.723 | 0.719 | 0.717 | 0.716 | 0.716 |
|  | 48 | 0.874 | 0.872 | 0.868 | 0.859 | 0.852 | 0.839 | 0.826 | 0.813 | 0.802 | 0.792 | 0.779 | 0.770 | 0.761 | 0.750 | 0.741 | 0.736 | 0.733 | 0.731 | 0.730 | 0.729 |
|  | 49 | 0.902 | 0.900 | 0.895 | 0.887 | 0.879 | 0.866 | 0.852 | 0.839 | 0.827 | 0.817 | 0.804 | 0.795 | 0.785 | 0.774 | 0.765 | 0.760 | 0.756 | 0.754 | 0.753 | 0.753 |
|  | 50 | 0.922 | 0.920 | 0.915 | 0.906 | 0.898 | 0.885 | 0.871 | 0.857 | 0.845 | 0.835 | 0.821 | 0.812 | 0.802 | 0.791 | 0.781 | 0.776 | 0.773 | 0.770 | 0.769 | 0.769 |

c. All Mondays and variable Thursdays and 3 fish annual limit

|  |  | Starting Sept 21 | Starting Sept 14 | Starting Sept 7 | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | Starting Aug 10 | Starting Aug 3 | Starting July 27 | Starting July 20 | Starting July 13 | Starting July 6 | Starting June 29 | Starting June 22 | Starting June 15 | Starting June 8 | Starting Jun 1 | Starting May 25 | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 63,493 | 63,353 | 63,002 | 62,404 | 61,860 | 60,880 | 59,883 | 58,908 | 58,081 | 57,321 | 56,357 | 55,635 | 54,928 | 54,100 | 53,506 | 53,193 | 52,933 | 52,787 | 52,718 | 52,688 |
| $\underline{\square}$ | 35 | 0.568 | 0.566 | 0.563 | 0.558 | 0.553 | 0.544 | 0.535 | 0.527 | 0.519 | 0.513 | 0.504 | 0.498 | 0.492 | 0.484 | 0.479 | 0.476 | 0.473 | 0.472 | 0.471 | 0.471 |
|  | 36 | 0.601 | 0.600 | 0.596 | 0.591 | 0.586 | 0.577 | 0.567 | 0.558 | 0.550 | 0.543 | 0.534 | 0.527 | 0.521 | 0.513 | 0.507 | 0.504 | 0.501 | 0.500 | 0.499 | 0.499 |
|  | 37 | 0.621 | 0.620 | 0.616 | 0.610 | 0.605 | 0.596 | 0.586 | 0.576 | 0.568 | 0.561 | 0.552 | 0.545 | 0.538 | 0.530 | 0.524 | 0.521 | 0.518 | 0.516 | 0.516 | 0.515 |
|  | 38 | 0.651 | 0.649 | 0.646 | 0.640 | 0.634 | 0.624 | 0.614 | 0.604 | 0.596 | 0.588 | 0.578 | 0.571 | 0.564 | 0.555 | 0.549 | 0.546 | 0.543 | 0.541 | 0.541 | 0.540 |
|  | 39 | 0.673 | 0.671 | 0.668 | 0.661 | 0.656 | 0.645 | 0.635 | 0.625 | 0.616 | 0.608 | 0.598 | 0.590 | 0.583 | 0.574 | 0.568 | 0.564 | 0.561 | 0.560 | 0.559 | 0.559 |
|  | 40 | 0.692 | 0.690 | 0.687 | 0.680 | 0.674 | 0.664 | 0.653 | 0.642 | 0.633 | 0.625 | 0.615 | 0.607 | 0.599 | 0.590 | 0.584 | 0.580 | 0.577 | 0.575 | 0.575 | 0.574 |
|  | 41 | 0.714 | 0.712 | 0.709 | 0.702 | 0.696 | 0.685 | 0.673 | 0.663 | 0.653 | 0.645 | 0.634 | 0.626 | 0.619 | 0.609 | 0.602 | 0.598 | 0.595 | 0.594 | 0.593 | 0.593 |
|  | 42 | 0.730 | 0.728 | 0.724 | 0.717 | 0.711 | 0.700 | 0.688 | 0.677 | 0.668 | 0.659 | 0.648 | 0.640 | 0.632 | 0.623 | 0.615 | 0.612 | 0.609 | 0.607 | 0.606 | 0.606 |
|  | 43 | 0.746 | 0.745 | 0.741 | 0.733 | 0.727 | 0.716 | 0.704 | 0.693 | 0.683 | 0.674 | 0.663 | 0.655 | 0.647 | 0.637 | 0.629 | 0.626 | 0.622 | 0.621 | 0.620 | 0.619 |
|  | 44 | 0.770 | 0.768 | 0.764 | 0.757 | 0.750 | 0.738 | 0.726 | 0.715 | 0.705 | 0.695 | 0.684 | 0.676 | 0.667 | 0.657 | 0.649 | 0.645 | 0.642 | 0.640 | 0.639 | 0.639 |
|  | 45 | 0.796 | 0.794 | 0.790 | 0.782 | 0.775 | 0.763 | 0.751 | 0.739 | 0.728 | 0.719 | 0.707 | 0.698 | 0.690 | 0.679 | 0.671 | 0.667 | 0.664 | 0.662 | 0.661 | 0.660 |
|  | 46 | 0.814 | 0.812 | 0.807 | 0.799 | 0.792 | 0.780 | 0.767 | 0.755 | 0.744 | 0.734 | 0.722 | 0.714 | 0.705 | 0.694 | 0.686 | 0.682 | 0.678 | 0.676 | 0.675 | 0.675 |
|  | 47 | 0.836 | 0.834 | 0.830 | 0.822 | 0.814 | 0.802 | 0.789 | 0.776 | 0.765 | 0.755 | 0.743 | 0.734 | 0.725 | 0.714 | 0.705 | 0.701 | 0.697 | 0.695 | 0.694 | 0.694 |
|  | 48 | 0.852 | 0.850 | 0.845 | 0.837 | 0.830 | 0.817 | 0.804 | 0.791 | 0.780 | 0.769 | 0.757 | 0.748 | 0.738 | 0.727 | 0.719 | 0.714 | 0.710 | 0.708 | 0.707 | 0.707 |
|  | 49 | 0.879 | 0.877 | 0.872 | 0.864 | 0.856 | 0.843 | 0.829 | 0.816 | 0.804 | 0.794 | 0.781 | 0.772 | 0.762 | 0.751 | 0.742 | 0.737 | 0.733 | 0.731 | 0.730 | 0.730 |
|  | 50 | 0.898 | 0.896 | 0.891 | 0.883 | 0.875 | 0.861 | 0.847 | 0.834 | 0.822 | 0.811 | 0.798 | 0.788 | 0.778 | 0.767 | 0.758 | 0.753 | 0.749 | 0.747 | 0.746 | 0.745 |

Table 2C.13. (continued)
d. All Mondays and variable Fridays and 3 fish annual limit

|  | Starting Sept 22 |  | Starting Sept 15 | Starting Sept 8 | Starting Sep 1 | Starting Aug 25 | Starting Aug 18 | Starting Aug 11 | Starting Aug 4 | Starting July 28 | Starting July 21 | Starting July 14 | Starting July 7 | Starting June 30 | Starting June 23 | Starting June 16 | Starting June 9 | Starting Jun 2 | Starting May 26 | Starting May 19 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 63,531 | 63,451 | 63,082 | 62,510 | 62,159 | 61,280 | 60,137 | 59,260 | 58,341 | 57,329 | 56,298 | 55,673 | 54,863 | 54,097 | 53,498 | 53,065 | 52,920 | 52,746 | 52,647 | 52,629 |
| $\cong$ | 35 | 0.568 | 0.567 | 0.564 | 0.559 | 0.556 | 0.548 | 0.538 | 0.530 | 0.521 | 0.512 | 0.503 | 0.498 | 0.490 | 0.484 | 0.478 | 0.474 | 0.473 | 0.471 | 0.470 | 0.470 |
|  | 36 | 0.601 | 0.601 | 0.597 | 0.592 | 0.588 | 0.580 | 0.569 | 0.561 | 0.552 | 0.543 | 0.533 | 0.527 | 0.520 | 0.512 | 0.507 | 0.502 | 0.501 | 0.499 | 0.498 | 0.498 |
|  | 37 | 0.621 | 0.621 | 0.617 | 0.611 | 0.608 | 0.599 | 0.588 | 0.580 | 0.571 | 0.561 | 0.551 | 0.545 | 0.537 | 0.529 | 0.523 | 0.519 | 0.518 | 0.516 | 0.515 | 0.515 |
|  | 38 | 0.651 | 0.650 | 0.647 | 0.641 | 0.637 | 0.628 | 0.616 | 0.607 | 0.598 | 0.588 | 0.577 | 0.571 | 0.563 | 0.555 | 0.549 | 0.544 | 0.542 | 0.541 | 0.539 | 0.539 |
|  | 39 | 0.673 | 0.672 | 0.669 | 0.663 | 0.659 | 0.649 | 0.637 | 0.628 | 0.618 | 0.608 | 0.597 | 0.590 | 0.582 | 0.574 | 0.567 | 0.562 | 0.561 | 0.559 | 0.558 | 0.558 |
|  | 40 | 0.692 | 0.691 | 0.687 | 0.681 | 0.677 | 0.668 | 0.655 | 0.646 | 0.636 | 0.625 | 0.614 | 0.607 | 0.598 | 0.590 | 0.583 | 0.578 | 0.577 | 0.575 | 0.574 | 0.573 |
|  | 41 | 0.715 | 0.714 | 0.709 | 0.703 | 0.699 | 0.689 | 0.676 | 0.666 | 0.656 | 0.645 | 0.633 | 0.626 | 0.617 | 0.609 | 0.602 | 0.597 | 0.595 | 0.593 | 0.592 | 0.592 |
|  | 42 | 0.730 | 0.729 | 0.725 | 0.718 | 0.714 | 0.704 | 0.691 | 0.681 | 0.670 | 0.659 | 0.647 | 0.640 | 0.631 | 0.622 | 0.615 | 0.610 | 0.608 | 0.606 | 0.605 | 0.605 |
|  | 43 | 0.747 | 0.746 | 0.741 | 0.735 | 0.730 | 0.720 | 0.707 | 0.696 | 0.686 | 0.674 | 0.662 | 0.655 | 0.645 | 0.637 | 0.629 | 0.624 | 0.622 | 0.620 | 0.619 | 0.618 |
|  | 44 | 0.771 | 0.769 | 0.765 | 0.758 | 0.753 | 0.743 | 0.729 | 0.719 | 0.707 | 0.695 | 0.683 | 0.676 | 0.666 | 0.657 | 0.649 | 0.644 | 0.642 | 0.640 | 0.638 | 0.638 |
|  | 45 | 0.797 | 0.795 | 0.791 | 0.784 | 0.779 | 0.768 | 0.754 | 0.743 | 0.731 | 0.719 | 0.706 | 0.698 | 0.688 | 0.679 | 0.671 | 0.665 | 0.663 | 0.661 | 0.660 | 0.659 |
|  | 46 | 0.814 | 0.813 | 0.808 | 0.801 | 0.796 | 0.784 | 0.770 | 0.759 | 0.747 | 0.735 | 0.721 | 0.714 | 0.704 | 0.694 | 0.686 | 0.680 | 0.678 | 0.676 | 0.674 | 0.674 |
|  | 47 | 0.837 | 0.836 | 0.831 | 0.823 | 0.818 | 0.806 | 0.792 | 0.780 | 0.768 | 0.755 | 0.742 | 0.734 | 0.723 | 0.713 | 0.705 | 0.699 | 0.697 | 0.694 | 0.693 | 0.693 |
|  | 48 | 0.853 | 0.851 | 0.846 | 0.839 | 0.834 | 0.822 | 0.807 | 0.795 | 0.783 | 0.769 | 0.756 | 0.748 | 0.737 | 0.727 | 0.719 | 0.712 | 0.710 | 0.708 | 0.706 | 0.706 |
|  | 49 | 0.880 | 0.879 | 0.873 | 0.866 | 0.860 | 0.848 | 0.833 | 0.820 | 0.808 | 0.794 | 0.780 | 0.771 | 0.760 | 0.750 | 0.741 | 0.735 | 0.733 | 0.730 | 0.729 | 0.728 |
|  | 50 | 0.899 | 0.898 | 0.892 | 0.884 | 0.879 | 0.866 | 0.851 | 0.838 | 0.825 | 0.811 | 0.797 | 0.788 | 0.777 | 0.766 | 0.758 | 0.751 | 0.749 | 0.746 | 0.744 | 0.744 |

e. All Tuesdays and variable Fridays and 3 fish annual limit

|  |  | Starting Sept 22 | Starting Sept 15 | Starting Sept 8 | Starting Sep 1 | Starting Aug 25 | Starting Aug 18 | Starting Aug 11 | Starting Aug 4 | Starting July 28 | Starting July 21 | Starting July 14 | Starting July 7 | Starting June 30 | Starting June 23 | Starting June 16 | Starting June 9 | Starting Jun 2 | Starting May 26 | Starting May 19 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,493 | 64,413 | 64,044 | 63,472 | 63,121 | 62,242 | 61,099 | 60,222 | 59,303 | 58,291 | 57,260 | 56,635 | 55,825 | 55,059 | 54,460 | 54,027 | 53,882 | 53,708 | 53,609 | 53,591 |
| $\underline{\square}$ | 35 | 0.576 | 0.575 | 0.572 | 0.567 | 0.563 | 0.555 | 0.545 | 0.537 | 0.529 | 0.520 | 0.511 | 0.505 | 0.498 | 0.491 | 0.486 | 0.482 | 0.481 | 0.479 | 0.478 | 0.478 |
|  | 36 | 0.610 | 0.609 | 0.606 | 0.600 | 0.597 | 0.588 | 0.578 | 0.569 | 0.561 | 0.551 | 0.541 | 0.536 | 0.528 | 0.521 | 0.515 | 0.511 | 0.509 | 0.507 | 0.507 | 0.506 |
|  | 37 | 0.630 | 0.629 | 0.625 | 0.620 | 0.616 | 0.608 | 0.597 | 0.588 | 0.579 | 0.569 | 0.559 | 0.553 | 0.545 | 0.538 | 0.532 | 0.527 | 0.526 | 0.524 | 0.523 | 0.523 |
|  | 38 | 0.660 | 0.659 | 0.655 | 0.650 | 0.646 | 0.637 | 0.625 | 0.616 | 0.607 | 0.596 | 0.586 | 0.580 | 0.571 | 0.564 | 0.557 | 0.553 | 0.551 | 0.549 | 0.548 | 0.548 |
|  | 39 | 0.682 | 0.682 | 0.678 | 0.672 | 0.668 | 0.658 | 0.646 | 0.637 | 0.627 | 0.617 | 0.606 | 0.599 | 0.591 | 0.583 | 0.576 | 0.572 | 0.570 | 0.568 | 0.567 | 0.567 |
|  | 40 | 0.702 | 0.701 | 0.697 | 0.690 | 0.686 | 0.677 | 0.665 | 0.655 | 0.645 | 0.634 | 0.623 | 0.616 | 0.607 | 0.599 | 0.592 | 0.588 | 0.586 | 0.584 | 0.583 | 0.583 |
|  | 41 | 0.724 | 0.723 | 0.719 | 0.712 | 0.708 | 0.698 | 0.686 | 0.676 | 0.665 | 0.654 | 0.643 | 0.636 | 0.627 | 0.618 | 0.611 | 0.606 | 0.604 | 0.602 | 0.601 | 0.601 |
|  | 42 | 0.739 | 0.738 | 0.734 | 0.728 | 0.723 | 0.713 | 0.700 | 0.690 | 0.680 | 0.668 | 0.656 | 0.649 | 0.640 | 0.632 | 0.624 | 0.619 | 0.617 | 0.615 | 0.614 | 0.614 |
|  | 43 | 0.756 | 0.755 | 0.751 | 0.744 | 0.740 | 0.729 | 0.716 | 0.706 | 0.695 | 0.683 | 0.671 | 0.664 | 0.655 | 0.646 | 0.639 | 0.633 | 0.631 | 0.629 | 0.628 | 0.628 |
|  | 44 | 0.780 | 0.779 | 0.775 | 0.768 | 0.763 | 0.752 | 0.739 | 0.728 | 0.717 | 0.705 | 0.693 | 0.685 | 0.676 | 0.666 | 0.659 | 0.653 | 0.651 | 0.649 | 0.648 | 0.648 |
|  | 45 | 0.806 | 0.805 | 0.801 | 0.793 | 0.789 | 0.778 | 0.764 | 0.753 | 0.741 | 0.729 | 0.716 | 0.708 | 0.698 | 0.689 | 0.681 | 0.675 | 0.673 | 0.671 | 0.670 | 0.669 |
|  | 46 | 0.824 | 0.823 | 0.818 | 0.811 | 0.806 | 0.795 | 0.780 | 0.769 | 0.757 | 0.745 | 0.732 | 0.724 | 0.714 | 0.704 | 0.696 | 0.690 | 0.688 | 0.686 | 0.684 | 0.684 |
|  | 47 | 0.847 | 0.846 | 0.841 | 0.833 | 0.828 | 0.817 | 0.802 | 0.791 | 0.778 | 0.765 | 0.752 | 0.744 | 0.734 | 0.724 | 0.716 | 0.709 | 0.707 | 0.705 | 0.703 | 0.703 |
|  | 48 | 0.863 | 0.862 | 0.857 | 0.849 | 0.844 | 0.832 | 0.817 | 0.806 | 0.793 | 0.780 | 0.766 | 0.758 | 0.747 | 0.737 | 0.729 | 0.723 | 0.721 | 0.718 | 0.717 | 0.716 |
|  | 49 | 0.890 | 0.889 | 0.884 | 0.876 | 0.871 | 0.859 | 0.843 | 0.831 | 0.818 | 0.805 | 0.790 | 0.782 | 0.771 | 0.761 | 0.752 | 0.746 | 0.743 | 0.741 | 0.739 | 0.739 |
|  | 50 | 0.909 | 0.908 | 0.903 | 0.895 | 0.889 | 0.877 | 0.861 | 0.849 | 0.836 | 0.822 | 0.807 | 0.799 | 0.787 | 0.777 | 0.768 | 0.761 | 0.759 | 0.756 | 0.755 | 0.755 |

Table 2C.13. (continued)
f. All Tuesdays and variable Saturdays and $\mathbf{3}$ fish annual limit

|  |  | $\begin{gathered} \hline \text { Starting } \\ \text { Sept } 23 \end{gathered}$ | Starting Sept 16 | Starting Sept 9 | Starting Sept 2 | Starting Aug 26 | Starting Aug 19 | Starting Aug 12 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 5 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 29 \end{array}$ | Starting July 22 | Starting July 15 | $\begin{array}{r} \text { Starting } \\ \text { July } 8 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 1 \\ \hline \end{array}$ | Starting June 24 | Starting June 17 | Starting June 10 | Starting June 3 | $\begin{array}{r} \text { Starting } \\ \text { May } 27 \\ \hline \end{array}$ | Starting May 20 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,485 | 64,408 | 64,156 | 63,687 | 63,152 | 62,452 | 61,488 | 60,540 | 59,683 | 58,690 | 57,781 | 57,015 | 56,207 | 55,619 | 55,040 | 54,649 | 54,446 | 54,269 | 54,172 | 54,147 |
|  | 35 | 0.575 | 0.575 | 0.573 | 0.568 | 0.564 | 0.557 | 0.549 | 0.540 | 0.533 | 0.524 | 0.516 | 0.509 | 0.502 | 0.497 | 0.491 | 0.488 | 0.486 | 0.484 | 0.483 | 0.483 |
|  | 36 | 0.610 | 0.609 | 0.607 | 0.602 | 0.597 | 0.590 | 0.581 | 0.573 | 0.564 | 0.555 | 0.547 | 0.540 | 0.532 | 0.526 | 0.521 | 0.517 | 0.515 | 0.513 | 0.512 | 0.512 |
|  | 37 | 0.630 | 0.629 | 0.627 | 0.622 | 0.617 | 0.610 | 0.601 | 0.591 | 0.583 | 0.574 | 0.565 | 0.557 | 0.549 | 0.544 | 0.538 | 0.534 | 0.532 | 0.530 | 0.529 | 0.529 |
|  | 38 | 0.660 | 0.659 | 0.657 | 0.652 | 0.646 | 0.639 | 0.629 | 0.620 | 0.611 | 0.601 | 0.592 | 0.584 | 0.576 | 0.570 | 0.564 | 0.560 | 0.558 | 0.556 | 0.555 | 0.554 |
|  | 39 | 0.682 | 0.682 | 0.679 | 0.674 | 0.668 | 0.661 | 0.651 | 0.641 | 0.632 | 0.622 | 0.612 | 0.604 | 0.596 | 0.589 | 0.583 | 0.579 | 0.577 | 0.575 | 0.573 | 0.573 |
|  | 40 | 0.702 | 0.701 | 0.698 | 0.693 | 0.687 | 0.679 | 0.669 | 0.659 | 0.650 | 0.639 | 0.629 | 0.621 | 0.612 | 0.606 | 0.600 | 0.595 | 0.593 | 0.591 | 0.590 | 0.589 |
|  | 41 | 0.724 | 0.723 | 0.720 | 0.715 | 0.709 | 0.701 | 0.690 | 0.680 | 0.670 | 0.659 | 0.649 | 0.641 | 0.632 | 0.625 | 0.619 | 0.614 | 0.612 | 0.610 | 0.608 | 0.608 |
|  | 42 | 0.739 | 0.739 | 0.736 | 0.730 | 0.724 | 0.716 | 0.705 | 0.695 | 0.685 | 0.674 | 0.663 | 0.655 | 0.646 | 0.639 | 0.632 | 0.628 | 0.625 | 0.623 | 0.622 | 0.621 |
|  | 43 | 0.756 | 0.755 | 0.752 | 0.747 | 0.740 | 0.732 | 0.721 | 0.710 | 0.700 | 0.689 | 0.678 | 0.670 | 0.660 | 0.653 | 0.647 | 0.642 | 0.639 | 0.637 | 0.636 | 0.635 |
|  | 44 | 0.780 | 0.779 | 0.776 | 0.771 | 0.764 | 0.755 | 0.744 | 0.733 | 0.723 | 0.711 | 0.700 | 0.691 | 0.681 | 0.674 | 0.667 | 0.662 | 0.660 | 0.657 | 0.656 | 0.656 |
|  | 45 | 0.806 | 0.805 | 0.802 | 0.796 | 0.789 | 0.781 | 0.769 | 0.758 | 0.747 | 0.735 | 0.724 | 0.714 | 0.704 | 0.697 | 0.690 | 0.685 | 0.682 | 0.679 | 0.678 | 0.678 |
|  | 46 | 0.824 | 0.823 | 0.820 | 0.814 | 0.807 | 0.798 | 0.786 | 0.774 | 0.763 | 0.751 | 0.739 | 0.730 | 0.720 | 0.712 | 0.705 | 0.700 | 0.697 | 0.694 | 0.693 | 0.692 |
|  | 47 | 0.847 | 0.846 | 0.843 | 0.837 | 0.829 | 0.820 | 0.808 | 0.796 | 0.785 | 0.772 | 0.760 | 0.751 | 0.740 | 0.732 | 0.725 | 0.719 | 0.716 | 0.714 | 0.712 | 0.712 |
|  | 48 | 0.863 | 0.862 | 0.859 | 0.852 | 0.845 | 0.836 | 0.823 | 0.811 | 0.799 | 0.787 | 0.775 | 0.765 | 0.754 | 0.746 | 0.739 | 0.733 | 0.730 | 0.727 | 0.726 | 0.725 |
|  | 49 | 0.890 | 0.889 | 0.886 | 0.879 | 0.872 | 0.862 | 0.849 | 0.837 | 0.825 | 0.812 | 0.799 | 0.789 | 0.778 | 0.770 | 0.762 | 0.756 | 0.753 | 0.750 | 0.749 | 0.748 |
|  | 50 | 0.909 | 0.908 | 0.905 | 0.898 | 0.890 | 0.881 | 0.868 | 0.855 | 0.842 | 0.829 | 0.816 | 0.806 | 0.795 | 0.787 | 0.778 | 0.772 | 0.769 | 0.766 | 0.765 | 0.765 |

g. All Wednesdays and variable Saturdays and 3 fish annual limit

|  | Starting Sept 23 |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 16 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 9 \end{array}$ | Starting Sept 2 | Starting Aug 26 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 19 \\ \hline \end{array}$ | Starting Aug 12 | Starting Aug 5 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 29 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 22 \\ \hline \end{array}$ | Starting July 15 | $\begin{array}{r} \text { Starting } \\ \text { July } 8 \end{array}$ | Starting July 1 | Starting June 24 | Starting June 17 | Starting June 10 | Starting June 3 | $\begin{aligned} & \text { Starting } \\ & \text { May } 27 \end{aligned}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 20 \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,447 | 64,370 | 64,118 | 63,649 | 63,114 | 62,414 | 61,450 | 60,502 | 59,645 | 58,652 | 57,743 | 56,977 | 56,169 | 55,581 | 55,002 | 54,611 | 54,408 | 54,231 | 54,134 | 54,109 |
| $\pm$ | 35 | 0.575 | 0.574 | 0.572 | 0.568 | 0.563 | 0.557 | 0.548 | 0.540 | 0.532 | 0.523 | 0.515 | 0.509 | 0.501 | 0.496 | 0.491 | 0.487 | 0.485 | 0.484 | 0.483 | 0.482 |
|  | 36 | 0.609 | 0.608 | 0.606 | 0.601 | 0.596 | 0.590 | 0.581 | 0.572 | 0.564 | 0.554 | 0.546 | 0.539 | 0.531 | 0.526 | 0.520 | 0.516 | 0.514 | 0.512 | 0.511 | 0.511 |
|  | 37 | 0.629 | 0.628 | 0.626 | 0.621 | 0.616 | 0.609 | 0.600 | 0.591 | 0.582 | 0.573 | 0.564 | 0.557 | 0.549 | 0.543 | 0.537 | 0.533 | 0.531 | 0.529 | 0.528 | 0.528 |
|  | 38 | 0.659 | 0.658 | 0.656 | 0.651 | 0.645 | 0.638 | 0.628 | 0.619 | 0.610 | 0.600 | 0.591 | 0.583 | 0.575 | 0.569 | 0.563 | 0.559 | 0.557 | 0.555 | 0.554 | 0.553 |
|  | 39 | 0.681 | 0.681 | 0.678 | 0.673 | 0.667 | 0.660 | 0.650 | 0.640 | 0.631 | 0.621 | 0.611 | 0.603 | 0.595 | 0.588 | 0.582 | 0.578 | 0.576 | 0.574 | 0.572 | 0.572 |
|  | 40 | 0.700 | 0.700 | 0.697 | 0.692 | 0.686 | 0.678 | 0.668 | 0.658 | 0.648 | 0.638 | 0.628 | 0.620 | 0.611 | 0.605 | 0.599 | 0.594 | 0.592 | 0.590 | 0.588 | 0.588 |
|  | 41 | 0.723 | 0.722 | 0.719 | 0.714 | 0.707 | 0.700 | 0.689 | 0.679 | 0.669 | 0.658 | 0.648 | 0.640 | 0.631 | 0.624 | 0.618 | 0.613 | 0.611 | 0.608 | 0.607 | 0.607 |
|  | 42 | 0.738 | 0.737 | 0.734 | 0.729 | 0.723 | 0.715 | 0.704 | 0.693 | 0.683 | 0.672 | 0.662 | 0.654 | 0.644 | 0.638 | 0.631 | 0.626 | 0.624 | 0.622 | 0.620 | 0.620 |
|  | 43 | 0.755 | 0.754 | 0.751 | 0.745 | 0.739 | 0.731 | 0.720 | 0.709 | 0.699 | 0.688 | 0.677 | 0.668 | 0.659 | 0.652 | 0.645 | 0.640 | 0.638 | 0.636 | 0.634 | 0.634 |
|  | 44 | 0.779 | 0.778 | 0.775 | 0.769 | 0.762 | 0.754 | 0.743 | 0.731 | 0.721 | 0.710 | 0.699 | 0.690 | 0.680 | 0.673 | 0.666 | 0.661 | 0.658 | 0.656 | 0.654 | 0.654 |
|  | 45 | 0.805 | 0.804 | 0.801 | 0.795 | 0.788 | 0.779 | 0.768 | 0.756 | 0.745 | 0.733 | 0.722 | 0.713 | 0.703 | 0.696 | 0.688 | 0.683 | 0.680 | 0.678 | 0.676 | 0.676 |
|  | 46 | 0.822 | 0.821 | 0.818 | 0.812 | 0.805 | 0.796 | 0.784 | 0.773 | 0.762 | 0.749 | 0.738 | 0.729 | 0.718 | 0.711 | 0.703 | 0.698 | 0.695 | 0.693 | 0.691 | 0.691 |
|  | 47 | 0.845 | 0.844 | 0.841 | 0.835 | 0.827 | 0.818 | 0.806 | 0.794 | 0.783 | 0.770 | 0.759 | 0.749 | 0.738 | 0.731 | 0.723 | 0.718 | 0.715 | 0.712 | 0.711 | 0.710 |
|  | 48 | 0.861 | 0.860 | 0.857 | 0.851 | 0.843 | 0.834 | 0.822 | 0.809 | 0.798 | 0.785 | 0.773 | 0.763 | 0.752 | 0.745 | 0.737 | 0.731 | 0.728 | 0.726 | 0.724 | 0.724 |
|  | 49 | 0.888 | 0.887 | 0.884 | 0.877 | 0.870 | 0.860 | 0.848 | 0.835 | 0.823 | 0.810 | 0.797 | 0.787 | 0.776 | 0.768 | 0.760 | 0.754 | 0.751 | 0.748 | 0.747 | 0.747 |
|  | 50 | 0.907 | 0.906 | 0.903 | 0.896 | 0.888 | 0.879 | 0.866 | 0.853 | 0.840 | 0.827 | 0.814 | 0.804 | 0.793 | 0.785 | 0.776 | 0.770 | 0.767 | 0.764 | 0.763 | 0.762 |

Table 2C.13. (continued)
h. All Wednesdays and variable Sundays and 3 fish annual limit

|  | Starting Sept 17 |  | Starting Sept 10 | Starting <br> Sept 03 | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 6 \\ \hline \end{array}$ | Starting July 30 | Starting <br> July 23 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 16 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 2 \\ \hline \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | Starting May 21 | Starting May 14 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,411 | 64,189 | 63,732 | 63,064 | 62,702 | 61,719 | 60,827 | 60,024 | 59,197 | 58,234 | 57,429 | 56,709 | 56,023 | 55,462 | 55,056 | 54,810 | 54,548 | 54,406 | 54,364 | 54,363 |
|  | 35 | 0.574 | 0.572 | 0.569 | 0.563 | 0.560 | 0.551 | 0.543 | 0.536 | 0.529 | 0.520 | 0.513 | 0.507 | 0.501 | 0.496 | 0.492 | 0.490 | 0.488 | 0.486 | 0.486 | 0.486 |
|  | 36 | 0.609 | 0.606 | 0.602 | 0.596 | 0.593 | 0.584 | 0.575 | 0.568 | 0.560 | 0.551 | 0.544 | 0.537 | 0.531 | 0.525 | 0.521 | 0.519 | 0.516 | 0.515 | 0.515 | 0.515 |
|  | 37 | 0.629 | 0.626 | 0.622 | 0.616 | 0.612 | 0.603 | 0.594 | 0.586 | 0.579 | 0.569 | 0.562 | 0.555 | 0.548 | 0.543 | 0.539 | 0.536 | 0.534 | 0.532 | 0.532 | 0.532 |
|  | 38 | 0.659 | 0.656 | 0.652 | 0.645 | 0.642 | 0.632 | 0.623 | 0.615 | 0.606 | 0.597 | 0.589 | 0.582 | 0.575 | 0.569 | 0.565 | 0.562 | 0.559 | 0.558 | 0.557 | 0.557 |
|  | 39 | 0.681 | 0.679 | 0.674 | 0.667 | 0.663 | 0.653 | 0.644 | 0.635 | 0.627 | 0.617 | 0.609 | 0.601 | 0.594 | 0.588 | 0.584 | 0.581 | 0.578 | 0.577 | 0.576 | 0.576 |
|  | 40 | 0.700 | 0.698 | 0.693 | 0.686 | 0.682 | 0.671 | 0.662 | 0.653 | 0.644 | 0.634 | 0.626 | 0.618 | 0.611 | 0.605 | 0.600 | 0.598 | 0.595 | 0.593 | 0.592 | 0.592 |
|  | 41 | 0.722 | 0.720 | 0.715 | 0.707 | 0.703 | 0.693 | 0.683 | 0.674 | 0.665 | 0.654 | 0.646 | 0.638 | 0.630 | 0.624 | 0.619 | 0.617 | 0.613 | 0.612 | 0.611 | 0.611 |
|  | 42 | 0.738 | 0.735 | 0.730 | 0.723 | 0.719 | 0.708 | 0.697 | 0.689 | 0.679 | 0.669 | 0.660 | 0.652 | 0.644 | 0.638 | 0.633 | 0.630 | 0.627 | 0.625 | 0.625 | 0.625 |
|  | 43 | 0.754 | 0.752 | 0.747 | 0.739 | 0.735 | 0.724 | 0.713 | 0.704 | 0.695 | 0.684 | 0.675 | 0.667 | 0.659 | 0.652 | 0.647 | 0.644 | 0.641 | 0.639 | 0.639 | 0.639 |
|  | 44 | 0.778 | 0.776 | 0.770 | 0.762 | 0.758 | 0.747 | 0.736 | 0.727 | 0.717 | 0.705 | 0.696 | 0.688 | 0.680 | 0.673 | 0.668 | 0.665 | 0.662 | 0.660 | 0.659 | 0.659 |
|  | 45 | 0.804 | 0.802 | 0.796 | 0.788 | 0.784 | 0.772 | 0.761 | 0.751 | 0.741 | 0.729 | 0.720 | 0.711 | 0.703 | 0.696 | 0.691 | 0.687 | 0.684 | 0.682 | 0.681 | 0.681 |
|  | 46 | 0.822 | 0.819 | 0.814 | 0.805 | 0.801 | 0.789 | 0.777 | 0.768 | 0.757 | 0.745 | 0.736 | 0.727 | 0.718 | 0.711 | 0.706 | 0.703 | 0.699 | 0.697 | 0.696 | 0.696 |
|  | 47 | 0.845 | 0.842 | 0.836 | 0.828 | 0.823 | 0.811 | 0.799 | 0.789 | 0.778 | 0.766 | 0.756 | 0.747 | 0.738 | 0.731 | 0.726 | 0.722 | 0.719 | 0.716 | 0.716 | 0.716 |
|  | 48 | 0.861 | 0.858 | 0.852 | 0.843 | 0.839 | 0.826 | 0.814 | 0.804 | 0.793 | 0.781 | 0.771 | 0.762 | 0.753 | 0.745 | 0.740 | 0.736 | 0.732 | 0.730 | 0.729 | 0.729 |
|  | 49 | 0.888 | 0.885 | 0.879 | 0.870 | 0.865 | 0.852 | 0.840 | 0.829 | 0.818 | 0.805 | 0.795 | 0.786 | 0.776 | 0.769 | 0.763 | 0.759 | 0.755 | 0.753 | 0.753 | 0.753 |
|  | 50 | 0.907 | 0.904 | 0.898 | 0.889 | 0.884 | 0.870 | 0.858 | 0.847 | 0.836 | 0.823 | 0.812 | 0.803 | 0.793 | 0.786 | 0.779 | 0.776 | 0.772 | 0.769 | 0.769 | 0.769 |

i. All Thursdays and variable Sundays and 3 fish annual limit

|  |  | Starting Sept 17 | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 10 \\ & \hline \end{aligned}$ | Starting Sept 03 | Starting | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 20 \\ \hline \end{array}$ | Starting Aug 13 | $\begin{array}{r} \text { Starting } \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 30 \\ \hline \end{array}$ | Starting July 23 | Starting $\text { July } 16$ | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 28 \\ & \hline \end{aligned}$ | Starting May 21 | Starting May 14 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,203 | 63,981 | 63,524 | 62,856 | 62,494 | 61,511 | 60,619 | 59,816 | 58,989 | 58,026 | 57,221 | 56,501 | 55,815 | 55,254 | 54,848 | 54,602 | 54,340 | 54,198 | 54,156 | 54,155 |
|  | 35 | 0.574 | 0.572 | 0.568 | 0.562 | 0.559 | 0.550 | 0.542 | 0.535 | 0.528 | 0.520 | 0.513 | 0.506 | 0.500 | 0.495 | 0.492 | 0.489 | 0.487 | 0.486 | 0.485 | 0.485 |
|  | 36 | 0.608 | 0.606 | 0.602 | 0.595 | 0.592 | 0.583 | 0.574 | 0.567 | 0.559 | 0.550 | 0.543 | 0.536 | 0.530 | 0.525 | 0.521 | 0.518 | 0.516 | 0.514 | 0.514 | 0.514 |
|  | 37 | 0.628 | 0.626 | 0.621 | 0.615 | 0.611 | 0.602 | 0.593 | 0.586 | 0.578 | 0.569 | 0.561 | 0.554 | 0.547 | 0.542 | 0.538 | 0.536 | 0.533 | 0.531 | 0.531 | 0.531 |
|  | 38 | 0.658 | 0.656 | 0.651 | 0.645 | 0.641 | 0.631 | 0.622 | 0.614 | 0.606 | 0.596 | 0.588 | 0.581 | 0.574 | 0.568 | 0.564 | 0.561 | 0.559 | 0.557 | 0.557 | 0.557 |
|  | 39 | 0.680 | 0.678 | 0.673 | 0.666 | 0.663 | 0.652 | 0.643 | 0.635 | 0.626 | 0.616 | 0.608 | 0.601 | 0.593 | 0.587 | 0.583 | 0.580 | 0.577 | 0.576 | 0.575 | 0.575 |
|  | 40 | 0.699 | 0.697 | 0.692 | 0.685 | 0.681 | 0.671 | 0.661 | 0.653 | 0.644 | 0.633 | 0.625 | 0.618 | 0.610 | 0.604 | 0.600 | 0.597 | 0.594 | 0.592 | 0.592 | 0.592 |
|  | 41 | 0.722 | 0.719 | 0.714 | 0.707 | 0.703 | 0.692 | 0.682 | 0.673 | 0.664 | 0.654 | 0.645 | 0.637 | 0.630 | 0.624 | 0.619 | 0.616 | 0.613 | 0.611 | 0.611 | 0.611 |
|  | 42 | 0.737 | 0.735 | 0.730 | 0.722 | 0.718 | 0.707 | 0.697 | 0.688 | 0.679 | 0.668 | 0.659 | 0.651 | 0.644 | 0.637 | 0.633 | 0.630 | 0.626 | 0.625 | 0.624 | 0.624 |
|  | 43 | 0.754 | 0.751 | 0.746 | 0.739 | 0.734 | 0.723 | 0.713 | 0.704 | 0.694 | 0.683 | 0.674 | 0.666 | 0.658 | 0.652 | 0.647 | 0.644 | 0.641 | 0.639 | 0.638 | 0.638 |
|  | 44 | 0.778 | 0.775 | 0.770 | 0.762 | 0.758 | 0.746 | 0.735 | 0.726 | 0.716 | 0.705 | 0.696 | 0.688 | 0.679 | 0.673 | 0.668 | 0.665 | 0.661 | 0.659 | 0.659 | 0.659 |
|  | 45 | 0.804 | 0.801 | 0.796 | 0.788 | 0.783 | 0.771 | 0.760 | 0.751 | 0.741 | 0.729 | 0.719 | 0.711 | 0.702 | 0.696 | 0.690 | 0.687 | 0.683 | 0.681 | 0.681 | 0.681 |
|  | 46 | 0.822 | 0.819 | 0.813 | 0.805 | 0.800 | 0.788 | 0.777 | 0.767 | 0.757 | 0.745 | 0.735 | 0.727 | 0.718 | 0.711 | 0.706 | 0.702 | 0.699 | 0.697 | 0.696 | 0.696 |
|  | 47 | 0.845 | 0.842 | 0.836 | 0.827 | 0.823 | 0.810 | 0.799 | 0.789 | 0.778 | 0.766 | 0.756 | 0.747 | 0.738 | 0.731 | 0.725 | 0.722 | 0.718 | 0.716 | 0.716 | 0.716 |
|  | 48 | 0.861 | 0.858 | 0.852 | 0.843 | 0.838 | 0.826 | 0.814 | 0.804 | 0.793 | 0.780 | 0.770 | 0.761 | 0.752 | 0.745 | 0.739 | 0.736 | 0.732 | 0.730 | 0.729 | 0.729 |
|  | 49 | 0.888 | 0.885 | 0.879 | 0.870 | 0.865 | 0.852 | 0.840 | 0.829 | 0.818 | 0.805 | 0.795 | 0.786 | 0.776 | 0.769 | 0.763 | 0.759 | 0.755 | 0.753 | 0.753 | 0.753 |
|  | 50 | 0.907 | 0.904 | 0.898 | 0.889 | 0.884 | 0.870 | 0.858 | 0.847 | 0.836 | 0.823 | 0.812 | 0.803 | 0.793 | 0.786 | 0.780 | 0.776 | 0.772 | 0.770 | 0.769 | 0.769 |

Table 2C.13. (continued)
j. All Thursdays and variable Mondays and $\mathbf{3}$ fish annual limit

|  | Starting Sept 18 |  | Starting Sept 11 | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | Starting $\text { Aug } 7$ | Starting July 31 | Starting July 24 | Starting July 17 | Starting July 10 | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 29 \\ & \hline \end{aligned}$ | Starting May 22 | Starting May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,246 | 64,031 | 63,637 | 63,117 | 62,205 | 61,126 | 60,116 | 59,060 | 58,031 | 56,971 | 56,037 | 55,363 | 54,496 | 53,878 | 53,500 | 53,165 | 52,892 | 52,733 | 52,705 | 52,688 |
|  | 35 | 0.574 | 0.572 | 0.569 | 0.564 | 0.556 | 0.547 | 0.538 | 0.528 | 0.519 | 0.510 | 0.502 | 0.496 | 0.488 | 0.482 | 0.479 | 0.476 | 0.473 | 0.472 | 0.471 | 0.471 |
|  | 36 | 0.608 | 0.606 | 0.603 | 0.598 | 0.589 | 0.579 | 0.569 | 0.559 | 0.550 | 0.540 | 0.531 | 0.525 | 0.517 | 0.511 | 0.507 | 0.504 | 0.501 | 0.499 | 0.499 | 0.499 |
|  | 37 | 0.628 | 0.626 | 0.622 | 0.617 | 0.608 | 0.598 | 0.588 | 0.578 | 0.568 | 0.558 | 0.549 | 0.542 | 0.534 | 0.528 | 0.524 | 0.520 | 0.518 | 0.516 | 0.516 | 0.515 |
|  | 38 | 0.658 | 0.656 | 0.652 | 0.647 | 0.638 | 0.627 | 0.616 | 0.606 | 0.595 | 0.585 | 0.575 | 0.568 | 0.559 | 0.553 | 0.549 | 0.545 | 0.542 | 0.541 | 0.540 | 0.540 |
|  | 39 | 0.681 | 0.678 | 0.674 | 0.669 | 0.659 | 0.648 | 0.637 | 0.626 | 0.615 | 0.604 | 0.595 | 0.588 | 0.578 | 0.572 | 0.568 | 0.564 | 0.561 | 0.559 | 0.559 | 0.559 |
|  | 40 | 0.700 | 0.697 | 0.693 | 0.687 | 0.678 | 0.666 | 0.655 | 0.644 | 0.633 | 0.622 | 0.612 | 0.604 | 0.595 | 0.588 | 0.584 | 0.580 | 0.577 | 0.575 | 0.574 | 0.574 |
|  | 41 | 0.722 | 0.719 | 0.715 | 0.709 | 0.699 | 0.687 | 0.676 | 0.664 | 0.653 | 0.641 | 0.631 | 0.624 | 0.614 | 0.607 | 0.602 | 0.598 | 0.595 | 0.593 | 0.593 | 0.593 |
|  | 42 | 0.738 | 0.735 | 0.731 | 0.725 | 0.714 | 0.702 | 0.691 | 0.679 | 0.667 | 0.655 | 0.645 | 0.637 | 0.627 | 0.620 | 0.615 | 0.611 | 0.608 | 0.606 | 0.606 | 0.606 |
|  | 43 | 0.754 | 0.752 | 0.747 | 0.741 | 0.730 | 0.718 | 0.706 | 0.694 | 0.682 | 0.670 | 0.660 | 0.652 | 0.642 | 0.634 | 0.629 | 0.625 | 0.622 | 0.620 | 0.620 | 0.619 |
|  | 44 | 0.778 | 0.776 | 0.771 | 0.765 | 0.754 | 0.741 | 0.729 | 0.716 | 0.704 | 0.692 | 0.681 | 0.673 | 0.662 | 0.654 | 0.649 | 0.645 | 0.642 | 0.640 | 0.639 | 0.639 |
|  | 45 | 0.804 | 0.802 | 0.797 | 0.790 | 0.779 | 0.766 | 0.753 | 0.740 | 0.728 | 0.715 | 0.704 | 0.695 | 0.684 | 0.676 | 0.671 | 0.667 | 0.663 | 0.661 | 0.661 | 0.660 |
|  | 46 | 0.822 | 0.819 | 0.814 | 0.808 | 0.796 | 0.783 | 0.770 | 0.757 | 0.744 | 0.731 | 0.719 | 0.711 | 0.700 | 0.691 | 0.686 | 0.681 | 0.678 | 0.675 | 0.675 | 0.675 |
|  | 47 | 0.845 | 0.842 | 0.837 | 0.830 | 0.818 | 0.805 | 0.791 | 0.778 | 0.764 | 0.751 | 0.739 | 0.731 | 0.719 | 0.711 | 0.705 | 0.701 | 0.697 | 0.694 | 0.694 | 0.694 |
|  | 48 | 0.861 | 0.858 | 0.853 | 0.846 | 0.834 | 0.820 | 0.806 | 0.792 | 0.779 | 0.766 | 0.753 | 0.745 | 0.733 | 0.724 | 0.719 | 0.714 | 0.710 | 0.708 | 0.707 | 0.707 |
|  | 49 | 0.888 | 0.885 | 0.880 | 0.873 | 0.860 | 0.846 | 0.832 | 0.818 | 0.804 | 0.790 | 0.777 | 0.768 | 0.756 | 0.747 | 0.742 | 0.737 | 0.733 | 0.730 | 0.730 | 0.730 |
|  | 50 | 0.908 | 0.904 | 0.899 | 0.892 | 0.879 | 0.864 | 0.850 | 0.835 | 0.821 | 0.807 | 0.794 | 0.785 | 0.773 | 0.764 | 0.758 | 0.753 | 0.748 | 0.746 | 0.746 | 0.745 |

k. All Fridays and variable Mondays and 3 fish annual limit

|  |  | Starting Sept 18 | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 11 \\ & \hline \end{aligned}$ | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 7 \end{array}$ | Starting July 31 | Starting July 24 | Starting July 17 | $\begin{array}{r} \text { Starting } \\ \text { July } 10 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 3 \end{array}$ | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | Starting May 29 | $\begin{aligned} & \text { Starting } \\ & \text { May } 22 \\ & \hline \end{aligned}$ | Starting May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,187 | 63,972 | 63,578 | 63,058 | 62,146 | 61,067 | 60,057 | 59,001 | 57,972 | 56,912 | 55,978 | 55,304 | 54,437 | 53,819 | 53,441 | 53,106 | 52,833 | 52,674 | 52,646 | 52,629 |
|  | 35 | 0.573 | 0.571 | 0.568 | 0.563 | 0.555 | 0.546 | 0.537 | 0.527 | 0.518 | 0.509 | 0.501 | 0.495 | 0.487 | 0.481 | 0.478 | 0.475 | 0.472 | 0.471 | 0.470 | 0.470 |
|  | 36 | 0.607 | 0.605 | 0.602 | 0.597 | 0.588 | 0.578 | 0.568 | 0.558 | 0.549 | 0.539 | 0.530 | 0.524 | 0.516 | 0.510 | 0.506 | 0.503 | 0.500 | 0.498 | 0.498 | 0.498 |
|  | 37 | 0.627 | 0.625 | 0.621 | 0.616 | 0.607 | 0.597 | 0.587 | 0.577 | 0.567 | 0.557 | 0.548 | 0.541 | 0.533 | 0.527 | 0.523 | 0.519 | 0.517 | 0.515 | 0.515 | 0.515 |
|  | 38 | 0.657 | 0.655 | 0.651 | 0.646 | 0.637 | 0.626 | 0.615 | 0.605 | 0.594 | 0.584 | 0.574 | 0.567 | 0.559 | 0.552 | 0.548 | 0.544 | 0.541 | 0.540 | 0.540 | 0.539 |
|  | 39 | 0.680 | 0.677 | 0.673 | 0.668 | 0.658 | 0.647 | 0.636 | 0.625 | 0.614 | 0.604 | 0.594 | 0.587 | 0.578 | 0.571 | 0.567 | 0.563 | 0.560 | 0.558 | 0.558 | 0.558 |
|  | 40 | 0.699 | 0.696 | 0.692 | 0.687 | 0.677 | 0.665 | 0.654 | 0.643 | 0.632 | 0.621 | 0.611 | 0.603 | 0.594 | 0.587 | 0.583 | 0.579 | 0.576 | 0.574 | 0.574 | 0.573 |
|  | 41 | 0.721 | 0.719 | 0.714 | 0.708 | 0.698 | 0.686 | 0.675 | 0.663 | 0.652 | 0.640 | 0.630 | 0.623 | 0.613 | 0.606 | 0.601 | 0.597 | 0.594 | 0.592 | 0.592 | 0.592 |
|  | 42 | 0.737 | 0.734 | 0.730 | 0.724 | 0.713 | 0.701 | 0.690 | 0.678 | 0.666 | 0.655 | 0.644 | 0.636 | 0.626 | 0.619 | 0.614 | 0.610 | 0.607 | 0.605 | 0.605 | 0.605 |
|  | 43 | 0.753 | 0.751 | 0.746 | 0.740 | 0.730 | 0.717 | 0.705 | 0.693 | 0.681 | 0.669 | 0.659 | 0.651 | 0.641 | 0.633 | 0.629 | 0.624 | 0.621 | 0.619 | 0.619 | 0.618 |
|  | 44 | 0.777 | 0.775 | 0.770 | 0.764 | 0.753 | 0.740 | 0.728 | 0.715 | 0.703 | 0.691 | 0.680 | 0.672 | 0.661 | 0.653 | 0.649 | 0.644 | 0.641 | 0.639 | 0.638 | 0.638 |
|  | 45 | 0.803 | 0.801 | 0.796 | 0.789 | 0.778 | 0.765 | 0.752 | 0.739 | 0.727 | 0.714 | 0.703 | 0.694 | 0.684 | 0.676 | 0.670 | 0.666 | 0.662 | 0.660 | 0.660 | 0.659 |
|  | 46 | 0.821 | 0.818 | 0.813 | 0.807 | 0.795 | 0.782 | 0.769 | 0.756 | 0.743 | 0.730 | 0.718 | 0.710 | 0.699 | 0.690 | 0.685 | 0.681 | 0.677 | 0.675 | 0.674 | 0.674 |
|  | 47 | 0.844 | 0.841 | 0.836 | 0.829 | 0.817 | 0.804 | 0.790 | 0.777 | 0.763 | 0.750 | 0.738 | 0.730 | 0.718 | 0.710 | 0.704 | 0.700 | 0.696 | 0.693 | 0.693 | 0.693 |
|  | 48 | 0.860 | 0.857 | 0.852 | 0.845 | 0.833 | 0.819 | 0.805 | 0.791 | 0.778 | 0.765 | 0.752 | 0.743 | 0.732 | 0.723 | 0.718 | 0.713 | 0.709 | 0.707 | 0.706 | 0.706 |
|  | 49 | 0.887 | 0.884 | 0.879 | 0.872 | 0.859 | 0.845 | 0.831 | 0.817 | 0.803 | 0.789 | 0.776 | 0.767 | 0.755 | 0.746 | 0.741 | 0.736 | 0.731 | 0.729 | 0.729 | 0.728 |
|  | 50 | 0.906 | 0.903 | 0.898 | 0.890 | 0.878 | 0.863 | 0.849 | 0.834 | 0.820 | 0.806 | 0.793 | 0.784 | 0.772 | 0.763 | 0.757 | 0.751 | 0.747 | 0.745 | 0.745 | 0.744 |

Table 2C.13. (continued)
I. All Fridays and variable Tuesdays and 3 fish annual limit

|  | Starting Sept 19 |  | Starting Sept 12 | Starting Sept 5 | Starting Aug 29 | Starting Aug 22 | Starting Aug 15 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 8 \\ \hline \end{array}$ | Starting Aug 1 | Starting July 25 | Starting July 18 | Starting July 11 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 4 \\ \hline \end{array}$ | Starting June 27 | Starting June 20 | Starting June 13 | Starting June 6 | Starting May 30 | Starting <br> May 23 | Starting May 16 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,172 | 63,954 | 63,556 | 62,976 | 62,342 | 61,343 | 60,303 | 59,247 | 58,329 | 57,478 | 56,505 | 55,835 | 54,985 | 54,404 | 54,190 | 53,892 | 53,700 | 53,630 | 53,596 | 53,591 |
| 오 | 35 | 0.573 | 0.571 | 0.568 | 0.562 | 0.557 | 0.548 | 0.538 | 0.529 | 0.520 | 0.513 | 0.504 | 0.498 | 0.491 | 0.485 | 0.483 | 0.481 | 0.479 | 0.478 | 0.478 | 0.478 |
|  | 36 | 0.607 | 0.605 | 0.601 | 0.596 | 0.590 | 0.580 | 0.570 | 0.560 | 0.551 | 0.543 | 0.534 | 0.528 | 0.520 | 0.514 | 0.512 | 0.509 | 0.507 | 0.507 | 0.506 | 0.506 |
|  | 37 | 0.627 | 0.625 | 0.621 | 0.615 | 0.609 | 0.599 | 0.589 | 0.579 | 0.569 | 0.561 | 0.552 | 0.545 | 0.537 | 0.531 | 0.529 | 0.526 | 0.524 | 0.523 | 0.523 | 0.523 |
|  | 38 | 0.657 | 0.655 | 0.651 | 0.645 | 0.638 | 0.628 | 0.617 | 0.606 | 0.597 | 0.588 | 0.578 | 0.572 | 0.563 | 0.557 | 0.554 | 0.551 | 0.549 | 0.548 | 0.548 | 0.548 |
|  | 39 | 0.680 | 0.677 | 0.673 | 0.667 | 0.660 | 0.649 | 0.638 | 0.627 | 0.617 | 0.608 | 0.598 | 0.591 | 0.582 | 0.576 | 0.573 | 0.570 | 0.568 | 0.567 | 0.567 | 0.567 |
|  | 40 | 0.699 | 0.696 | 0.692 | 0.686 | 0.678 | 0.668 | 0.656 | 0.644 | 0.634 | 0.625 | 0.615 | 0.608 | 0.598 | 0.592 | 0.589 | 0.586 | 0.584 | 0.583 | 0.583 | 0.583 |
|  | 41 | 0.721 | 0.718 | 0.714 | 0.707 | 0.700 | 0.689 | 0.677 | 0.665 | 0.655 | 0.645 | 0.634 | 0.627 | 0.617 | 0.611 | 0.608 | 0.605 | 0.602 | 0.601 | 0.601 | 0.601 |
|  | 42 | 0.737 | 0.734 | 0.730 | 0.723 | 0.715 | 0.704 | 0.692 | 0.679 | 0.669 | 0.659 | 0.648 | 0.640 | 0.631 | 0.624 | 0.621 | 0.618 | 0.615 | 0.614 | 0.614 | 0.614 |
|  | 43 | 0.753 | 0.751 | 0.746 | 0.739 | 0.731 | 0.720 | 0.707 | 0.695 | 0.684 | 0.674 | 0.663 | 0.655 | 0.645 | 0.638 | 0.635 | 0.631 | 0.629 | 0.628 | 0.628 | 0.628 |
|  | 44 | 0.777 | 0.775 | 0.770 | 0.763 | 0.754 | 0.742 | 0.730 | 0.717 | 0.706 | 0.696 | 0.684 | 0.676 | 0.666 | 0.658 | 0.655 | 0.652 | 0.649 | 0.648 | 0.648 | 0.648 |
|  | 45 | 0.803 | 0.801 | 0.796 | 0.788 | 0.780 | 0.767 | 0.754 | 0.741 | 0.729 | 0.719 | 0.707 | 0.698 | 0.688 | 0.681 | 0.678 | 0.673 | 0.671 | 0.670 | 0.669 | 0.669 |
|  | 46 | 0.821 | 0.818 | 0.813 | 0.805 | 0.797 | 0.784 | 0.771 | 0.757 | 0.745 | 0.735 | 0.722 | 0.714 | 0.703 | 0.696 | 0.692 | 0.688 | 0.686 | 0.685 | 0.684 | 0.684 |
|  | 47 | 0.844 | 0.841 | 0.836 | 0.828 | 0.819 | 0.806 | 0.793 | 0.778 | 0.766 | 0.755 | 0.742 | 0.734 | 0.723 | 0.715 | 0.712 | 0.707 | 0.705 | 0.704 | 0.703 | 0.703 |
|  | 48 | 0.860 | 0.857 | 0.852 | 0.844 | 0.834 | 0.821 | 0.808 | 0.793 | 0.780 | 0.769 | 0.756 | 0.748 | 0.737 | 0.729 | 0.725 | 0.721 | 0.718 | 0.717 | 0.717 | 0.716 |
|  | 49 | 0.887 | 0.884 | 0.879 | 0.870 | 0.861 | 0.847 | 0.833 | 0.818 | 0.805 | 0.794 | 0.780 | 0.771 | 0.760 | 0.751 | 0.748 | 0.744 | 0.741 | 0.740 | 0.739 | 0.739 |
|  | 50 | 0.906 | 0.903 | 0.898 | 0.889 | 0.879 | 0.865 | 0.851 | 0.835 | 0.822 | 0.811 | 0.797 | 0.788 | 0.776 | 0.768 | 0.764 | 0.759 | 0.756 | 0.755 | 0.755 | 0.755 |

m. All Saturdays and variable Tuesdays and 3 fish annual limit

|  |  | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 19 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { Sept } 12 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { Sept } 5 \\ \hline \end{array}$ | Starting Aug 29 | Starting Aug 22 | Starting Aug 15 | Starting Aug 8 | Starting Aug 1 | Starting July 25 | Starting July 18 | Starting July 11 | $\begin{array}{r} \text { Starting } \\ \text { July } 4 \end{array}$ | Starting June 27 | Starting June 20 | Starting June 13 | Starting June 6 | $\begin{aligned} & \text { Starting } \\ & \text { May } 30 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 23 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 16 \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,728 | 64,510 | 64,112 | 63,532 | 62,898 | 61,899 | 60,859 | 59,803 | 58,885 | 58,034 | 57,061 | 56,391 | 55,541 | 54,960 | 54,746 | 54,448 | 54,256 | 54,186 | 54,152 | 54,147 |
|  | 35 | 0.578 | 0.577 | 0.573 | 0.568 | 0.562 | 0.553 | 0.544 | 0.534 | 0.526 | 0.518 | 0.510 | 0.504 | 0.496 | 0.491 | 0.489 | 0.486 | 0.484 | 0.484 | 0.483 | 0.483 |
|  | 36 | 0.613 | 0.611 | 0.607 | 0.601 | 0.595 | 0.586 | 0.576 | 0.566 | 0.557 | 0.549 | 0.540 | 0.534 | 0.526 | 0.520 | 0.518 | 0.515 | 0.513 | 0.512 | 0.512 | 0.512 |
|  | 37 | 0.633 | 0.631 | 0.627 | 0.621 | 0.615 | 0.605 | 0.595 | 0.584 | 0.575 | 0.567 | 0.558 | 0.551 | 0.543 | 0.537 | 0.535 | 0.532 | 0.530 | 0.529 | 0.529 | 0.529 |
|  | 38 | 0.664 | 0.661 | 0.657 | 0.651 | 0.644 | 0.634 | 0.624 | 0.613 | 0.603 | 0.595 | 0.585 | 0.578 | 0.569 | 0.563 | 0.561 | 0.558 | 0.555 | 0.555 | 0.554 | 0.554 |
|  | 39 | 0.686 | 0.684 | 0.680 | 0.673 | 0.666 | 0.656 | 0.645 | 0.633 | 0.624 | 0.615 | 0.604 | 0.597 | 0.589 | 0.582 | 0.580 | 0.576 | 0.574 | 0.574 | 0.573 | 0.573 |
|  | 40 | 0.705 | 0.703 | 0.699 | 0.692 | 0.685 | 0.674 | 0.663 | 0.651 | 0.641 | 0.632 | 0.622 | 0.614 | 0.605 | 0.599 | 0.596 | 0.593 | 0.591 | 0.590 | 0.589 | 0.589 |
|  | 41 | 0.728 | 0.726 | 0.721 | 0.714 | 0.707 | 0.696 | 0.684 | 0.672 | 0.662 | 0.652 | 0.641 | 0.634 | 0.625 | 0.618 | 0.615 | 0.612 | 0.609 | 0.609 | 0.608 | 0.608 |
|  | 42 | 0.744 | 0.742 | 0.737 | 0.730 | 0.722 | 0.711 | 0.699 | 0.687 | 0.676 | 0.667 | 0.655 | 0.648 | 0.638 | 0.631 | 0.629 | 0.625 | 0.623 | 0.622 | 0.621 | 0.621 |
|  | 43 | 0.761 | 0.758 | 0.754 | 0.747 | 0.739 | 0.727 | 0.715 | 0.702 | 0.691 | 0.682 | 0.670 | 0.662 | 0.653 | 0.646 | 0.643 | 0.639 | 0.637 | 0.636 | 0.635 | 0.635 |
|  | 44 | 0.785 | 0.783 | 0.778 | 0.771 | 0.762 | 0.750 | 0.738 | 0.725 | 0.713 | 0.703 | 0.692 | 0.684 | 0.674 | 0.666 | 0.663 | 0.660 | 0.657 | 0.656 | 0.656 | 0.656 |
|  | 45 | 0.812 | 0.809 | 0.804 | 0.796 | 0.788 | 0.776 | 0.763 | 0.749 | 0.737 | 0.727 | 0.715 | 0.707 | 0.696 | 0.689 | 0.686 | 0.682 | 0.679 | 0.678 | 0.678 | 0.678 |
|  | 46 | 0.829 | 0.827 | 0.822 | 0.814 | 0.805 | 0.793 | 0.779 | 0.765 | 0.754 | 0.743 | 0.731 | 0.722 | 0.712 | 0.704 | 0.701 | 0.697 | 0.694 | 0.693 | 0.693 | 0.692 |
|  | 47 | 0.853 | 0.850 | 0.845 | 0.837 | 0.828 | 0.815 | 0.801 | 0.787 | 0.775 | 0.764 | 0.751 | 0.742 | 0.732 | 0.724 | 0.721 | 0.716 | 0.713 | 0.712 | 0.712 | 0.712 |
|  | 48 | 0.869 | 0.866 | 0.861 | 0.853 | 0.843 | 0.830 | 0.817 | 0.802 | 0.789 | 0.778 | 0.765 | 0.757 | 0.746 | 0.738 | 0.734 | 0.730 | 0.727 | 0.726 | 0.726 | 0.725 |
|  | 49 | 0.897 | 0.894 | 0.888 | 0.880 | 0.870 | 0.857 | 0.842 | 0.827 | 0.815 | 0.803 | 0.790 | 0.781 | 0.769 | 0.761 | 0.757 | 0.753 | 0.750 | 0.749 | 0.748 | 0.748 |
|  | 50 | 0.916 | 0.913 | 0.907 | 0.899 | 0.889 | 0.875 | 0.861 | 0.845 | 0.832 | 0.821 | 0.807 | 0.797 | 0.786 | 0.777 | 0.774 | 0.769 | 0.766 | 0.765 | 0.765 | 0.765 |

Table 2C.13. (continued)
n. All Saturdays and variable Wednesdays and 3 fish annual limit

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 20 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 13 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 6 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 30 \\ \hline \end{array}$ | Starting Aug 23 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 16 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 9 \end{array}$ | Starting Aug 2 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 26 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 19 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 12 \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { July } 5 \end{aligned}$ | Starting June 28 | Starting June 21 | Starting June 14 | $\begin{array}{r} \hline \text { Starting } \\ \text { June } 7 \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 31 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 24 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 17 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 64,731 | 64,557 | 64,209 | 63,619 | 63,016 | 62,072 | 61,189 | 60,160 | 59,430 | 58,540 | 57,571 | 56,849 | 56,027 | 55,326 | 54,895 | 54,550 | 54,303 | 54,142 | 54,125 | 54,109 |
|  | 35 | 0.578 | 0.577 | 0.574 | 0.568 | 0.563 | 0.554 | 0.546 | 0.537 | 0.531 | 0.523 | 0.514 | 0.508 | 0.500 | 0.494 | 0.490 | 0.487 | 0.484 | 0.483 | 0.483 | 0.482 |
|  | 36 | 0.613 | 0.611 | 0.608 | 0.602 | 0.596 | 0.587 | 0.579 | 0.569 | 0.562 | 0.554 | 0.545 | 0.538 | 0.530 | 0.523 | 0.519 | 0.516 | 0.513 | 0.511 | 0.511 | 0.511 |
|  | 37 | 0.633 | 0.631 | 0.628 | 0.622 | 0.616 | 0.607 | 0.598 | 0.588 | 0.581 | 0.572 | 0.563 | 0.556 | 0.547 | 0.541 | 0.536 | 0.533 | 0.530 | 0.528 | 0.528 | 0.528 |
|  | 38 | 0.664 | 0.662 | 0.658 | 0.652 | 0.646 | 0.636 | 0.627 | 0.616 | 0.609 | 0.599 | 0.590 | 0.582 | 0.574 | 0.566 | 0.562 | 0.558 | 0.555 | 0.554 | 0.554 | 0.553 |
|  | 39 | 0.686 | 0.684 | 0.680 | 0.674 | 0.667 | 0.658 | 0.648 | 0.637 | 0.629 | 0.620 | 0.610 | 0.602 | 0.593 | 0.586 | 0.581 | 0.577 | 0.574 | 0.573 | 0.572 | 0.572 |
|  | 40 | 0.706 | 0.703 | 0.700 | 0.693 | 0.686 | 0.676 | 0.666 | 0.655 | 0.647 | 0.637 | 0.627 | 0.619 | 0.610 | 0.602 | 0.597 | 0.593 | 0.590 | 0.589 | 0.588 | 0.588 |
|  | 41 | 0.728 | 0.726 | 0.722 | 0.715 | 0.708 | 0.698 | 0.688 | 0.676 | 0.668 | 0.658 | 0.647 | 0.639 | 0.630 | 0.621 | 0.616 | 0.612 | 0.609 | 0.607 | 0.607 | 0.607 |
|  | 42 | 0.744 | 0.742 | 0.738 | 0.731 | 0.724 | 0.713 | 0.703 | 0.691 | 0.682 | 0.672 | 0.661 | 0.653 | 0.643 | 0.635 | 0.630 | 0.625 | 0.622 | 0.620 | 0.620 | 0.620 |
|  | 43 | 0.761 | 0.759 | 0.755 | 0.748 | 0.740 | 0.729 | 0.719 | 0.706 | 0.698 | 0.687 | 0.676 | 0.668 | 0.658 | 0.649 | 0.644 | 0.640 | 0.636 | 0.634 | 0.634 | 0.634 |
|  | 44 | 0.785 | 0.783 | 0.779 | 0.771 | 0.764 | 0.752 | 0.742 | 0.729 | 0.720 | 0.709 | 0.697 | 0.689 | 0.679 | 0.670 | 0.664 | 0.660 | 0.657 | 0.655 | 0.654 | 0.654 |
|  | 45 | 0.812 | 0.809 | 0.805 | 0.797 | 0.789 | 0.778 | 0.766 | 0.753 | 0.744 | 0.733 | 0.721 | 0.712 | 0.702 | 0.693 | 0.687 | 0.682 | 0.679 | 0.677 | 0.676 | 0.676 |
|  | 46 | 0.829 | 0.827 | 0.822 | 0.815 | 0.807 | 0.795 | 0.783 | 0.770 | 0.760 | 0.749 | 0.737 | 0.728 | 0.717 | 0.708 | 0.702 | 0.697 | 0.694 | 0.691 | 0.691 | 0.691 |
|  | 47 | 0.853 | 0.850 | 0.845 | 0.838 | 0.829 | 0.817 | 0.805 | 0.791 | 0.782 | 0.770 | 0.757 | 0.748 | 0.737 | 0.728 | 0.721 | 0.717 | 0.713 | 0.711 | 0.710 | 0.710 |
|  | 48 | 0.869 | 0.866 | 0.861 | 0.853 | 0.845 | 0.833 | 0.821 | 0.806 | 0.796 | 0.785 | 0.772 | 0.762 | 0.751 | 0.742 | 0.735 | 0.730 | 0.726 | 0.724 | 0.724 | 0.724 |
|  | 49 | 0.897 | 0.894 | 0.889 | 0.881 | 0.872 | 0.859 | 0.847 | 0.832 | 0.822 | 0.809 | 0.796 | 0.787 | 0.775 | 0.765 | 0.758 | 0.753 | 0.749 | 0.747 | 0.747 | 0.747 |
|  | 50 | 0.916 | 0.913 | 0.908 | 0.900 | 0.891 | 0.878 | 0.865 | 0.850 | 0.839 | 0.827 | 0.813 | 0.803 | 0.792 | 0.781 | 0.775 | 0.769 | 0.765 | 0.763 | 0.763 | 0.762 |

Table 2C.14. Projected charter removals (Mlb) and harvest for Area 2C in 2023 under reverse slot limits with lower limits of the protected slot ranging from 35 to 50 inches and an upper limit of 80 inches with one days closed for the entire the season and a second day closed for part of the season with at least two days in between closures, and a 2 -fish annul limit. All projections were below the 2022 allocation of 0.82 Mlb. All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

## a. All Sundays and variable Wednesdays and 2 fish annual limit

|  |  | Starting Sept 20 | Starting Sept 13 | Starting Sept 6 | Starting Aug 30 | Starting Aug 23 | Starting Aug 16 | Starting Aug 9 | Starting Aug 2 | Starting July 26 | Starting July 19 | Starting July 12 | Starting July 5 | Starting June 28 | Starting June 21 | Starting June 14 | Starting June 7 | Starting May 31 | Starting May 24 | Starting May 17 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,738 | 51,597 | 51,322 | 50,854 | 50,373 | 49,627 | 48,924 | 48,101 | 47,523 | 46,815 | 46,043 | 45,471 | 44,821 | 44,260 | 43,919 | 43,643 | 43,445 | 43,318 | 43,304 | 43,290 |
|  | 35 | 0.462 | 0.461 | 0.458 | 0.454 | 0.450 | 0.443 | 0.437 | 0.429 | 0.424 | 0.418 | 0.411 | 0.406 | 0.400 | 0.395 | 0.392 | 0.389 | 0.387 | 0.386 | 0.386 | 0.386 |
|  | 36 | 0.490 | 0.488 | 0.486 | 0.481 | 0.477 | 0.470 | 0.463 | 0.455 | 0.450 | 0.443 | 0.436 | 0.430 | 0.424 | 0.419 | 0.415 | 0.413 | 0.411 | 0.409 | 0.409 | 0.409 |
|  | 37 | 0.506 | 0.505 | 0.502 | 0.497 | 0.493 | 0.485 | 0.478 | 0.470 | 0.465 | 0.458 | 0.450 | 0.445 | 0.438 | 0.433 | 0.429 | 0.426 | 0.424 | 0.423 | 0.423 | 0.423 |
|  | 38 | 0.531 | 0.529 | 0.526 | 0.522 | 0.517 | 0.509 | 0.502 | 0.493 | 0.487 | 0.480 | 0.472 | 0.466 | 0.460 | 0.454 | 0.450 | 0.447 | 0.445 | 0.444 | 0.443 | 0.443 |
|  | 39 | 0.549 | 0.547 | 0.544 | 0.539 | 0.534 | 0.526 | 0.519 | 0.510 | 0.504 | 0.496 | 0.488 | 0.482 | 0.475 | 0.469 | 0.466 | 0.462 | 0.460 | 0.459 | 0.459 | 0.459 |
|  | 40 | 0.565 | 0.563 | 0.560 | 0.555 | 0.550 | 0.542 | 0.534 | 0.525 | 0.518 | 0.511 | 0.502 | 0.496 | 0.489 | 0.483 | 0.479 | 0.476 | 0.473 | 0.472 | 0.472 | 0.472 |
|  | 41 | 0.583 | 0.581 | 0.578 | 0.573 | 0.567 | 0.559 | 0.551 | 0.542 | 0.535 | 0.527 | 0.519 | 0.512 | 0.505 | 0.498 | 0.494 | 0.491 | 0.489 | 0.487 | 0.487 | 0.487 |
|  | 42 | 0.596 | 0.594 | 0.591 | 0.586 | 0.580 | 0.572 | 0.563 | 0.554 | 0.547 | 0.539 | 0.530 | 0.524 | 0.516 | 0.509 | 0.505 | 0.502 | 0.499 | 0.498 | 0.498 | 0.498 |
|  | 43 | 0.610 | 0.608 | 0.605 | 0.599 | 0.593 | 0.585 | 0.576 | 0.566 | 0.559 | 0.551 | 0.542 | 0.536 | 0.528 | 0.521 | 0.517 | 0.513 | 0.511 | 0.509 | 0.509 | 0.509 |
|  | 44 | 0.630 | 0.628 | 0.624 | 0.618 | 0.612 | 0.603 | 0.595 | 0.585 | 0.577 | 0.569 | 0.560 | 0.553 | 0.545 | 0.538 | 0.533 | 0.530 | 0.527 | 0.526 | 0.525 | 0.525 |
|  | 45 | 0.651 | 0.649 | 0.645 | 0.639 | 0.633 | 0.624 | 0.615 | 0.604 | 0.597 | 0.588 | 0.579 | 0.572 | 0.563 | 0.556 | 0.551 | 0.548 | 0.545 | 0.543 | 0.543 | 0.543 |
|  | 46 | 0.665 | 0.663 | 0.660 | 0.654 | 0.647 | 0.638 | 0.629 | 0.618 | 0.610 | 0.601 | 0.591 | 0.584 | 0.576 | 0.569 | 0.564 | 0.560 | 0.557 | 0.555 | 0.555 | 0.555 |
|  | 47 | 0.684 | 0.682 | 0.678 | 0.672 | 0.666 | 0.656 | 0.647 | 0.635 | 0.628 | 0.618 | 0.608 | 0.601 | 0.592 | 0.585 | 0.580 | 0.576 | 0.573 | 0.571 | 0.571 | 0.571 |
|  | 48 | 0.697 | 0.695 | 0.691 | 0.685 | 0.678 | 0.669 | 0.659 | 0.648 | 0.640 | 0.630 | 0.620 | 0.613 | 0.604 | 0.596 | 0.591 | 0.587 | 0.584 | 0.582 | 0.582 | 0.582 |
|  | 49 | 0.720 | 0.717 | 0.713 | 0.707 | 0.700 | 0.690 | 0.680 | 0.668 | 0.660 | 0.650 | 0.639 | 0.632 | 0.623 | 0.615 | 0.610 | 0.605 | 0.602 | 0.600 | 0.600 | 0.600 |
|  | 50 | 0.735 | 0.733 | 0.729 | 0.722 | 0.715 | 0.705 | 0.695 | 0.683 | 0.674 | 0.664 | 0.653 | 0.646 | 0.636 | 0.628 | 0.623 | 0.618 | 0.615 | 0.613 | 0.613 | 0.613 |

Table 2C.14. (continued)
b. All Sundays and variable Thursdays and 2 fish annual limit

|  |  | Starting Sept 21 | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 14 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 7 \end{array}$ | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 10 \end{array}$ | Starting Aug 3 | Starting July 27 | $\begin{array}{r} \text { Starting } \\ \text { July } 20 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 13 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | Starting June 29 | Starting June 22 | Starting June 15 | Starting June 8 | $\begin{array}{r} \text { Starting } \\ \text { Jun } 1 \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 25 \\ & \hline \end{aligned}$ | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,713 | 51,601 | 51,319 | 50,843 | 50,408 | 49,622 | 48,824 | 48,050 | 47,394 | 46,782 | 46,019 | 45,443 | 44,882 | 44,226 | 43,759 | 43,508 | 43,299 | 43,185 | 43,127 | 43,103 |
| $\cong$ | 35 | 0.462 | 0.461 | 0.458 | 0.454 | 0.450 | 0.443 | 0.436 | 0.429 | 0.424 | 0.418 | 0.411 | 0.406 | 0.402 | 0.396 | 0.391 | 0.389 | 0.387 | 0.386 | 0.386 | 0.385 |
|  | 36 | 0.490 | 0.489 | 0.486 | 0.481 | 0.477 | 0.470 | 0.462 | 0.455 | 0.449 | 0.443 | 0.436 | 0.431 | 0.426 | 0.419 | 0.415 | 0.412 | 0.410 | 0.409 | 0.409 | 0.408 |
|  | 37 | 0.506 | 0.505 | 0.502 | 0.497 | 0.493 | 0.486 | 0.478 | 0.470 | 0.464 | 0.458 | 0.451 | 0.445 | 0.440 | 0.433 | 0.429 | 0.426 | 0.424 | 0.423 | 0.422 | 0.422 |
|  | 38 | 0.531 | 0.529 | 0.527 | 0.522 | 0.517 | 0.509 | 0.501 | 0.493 | 0.487 | 0.480 | 0.473 | 0.467 | 0.461 | 0.455 | 0.450 | 0.447 | 0.445 | 0.443 | 0.443 | 0.443 |
|  | 39 | 0.549 | 0.548 | 0.545 | 0.539 | 0.535 | 0.527 | 0.518 | 0.510 | 0.503 | 0.497 | 0.489 | 0.483 | 0.477 | 0.470 | 0.465 | 0.462 | 0.460 | 0.459 | 0.458 | 0.458 |
|  | 40 | 0.565 | 0.563 | 0.560 | 0.555 | 0.550 | 0.542 | 0.533 | 0.525 | 0.518 | 0.511 | 0.503 | 0.497 | 0.491 | 0.484 | 0.478 | 0.475 | 0.473 | 0.472 | 0.471 | 0.471 |
|  | 41 | 0.583 | 0.582 | 0.578 | 0.573 | 0.568 | 0.559 | 0.550 | 0.542 | 0.534 | 0.528 | 0.519 | 0.513 | 0.507 | 0.499 | 0.494 | 0.491 | 0.488 | 0.487 | 0.486 | 0.486 |
|  | 42 | 0.596 | 0.595 | 0.591 | 0.586 | 0.581 | 0.572 | 0.563 | 0.554 | 0.546 | 0.539 | 0.531 | 0.524 | 0.518 | 0.510 | 0.505 | 0.502 | 0.499 | 0.498 | 0.497 | 0.497 |
|  | 43 | 0.610 | 0.608 | 0.605 | 0.599 | 0.594 | 0.585 | 0.576 | 0.567 | 0.559 | 0.552 | 0.543 | 0.536 | 0.530 | 0.522 | 0.516 | 0.513 | 0.511 | 0.509 | 0.509 | 0.508 |
|  | 44 | 0.629 | 0.628 | 0.624 | 0.618 | 0.613 | 0.604 | 0.594 | 0.585 | 0.577 | 0.569 | 0.560 | 0.554 | 0.547 | 0.539 | 0.533 | 0.530 | 0.527 | 0.526 | 0.525 | 0.525 |
|  | 45 | 0.651 | 0.649 | 0.645 | 0.639 | 0.634 | 0.624 | 0.614 | 0.605 | 0.596 | 0.589 | 0.579 | 0.573 | 0.566 | 0.557 | 0.551 | 0.548 | 0.545 | 0.543 | 0.543 | 0.542 |
|  | 46 | 0.665 | 0.663 | 0.660 | 0.654 | 0.648 | 0.638 | 0.628 | 0.618 | 0.610 | 0.602 | 0.592 | 0.585 | 0.578 | 0.570 | 0.563 | 0.560 | 0.557 | 0.556 | 0.555 | 0.554 |
|  | 47 | 0.684 | 0.682 | 0.679 | 0.672 | 0.666 | 0.656 | 0.646 | 0.636 | 0.627 | 0.619 | 0.609 | 0.602 | 0.595 | 0.586 | 0.580 | 0.576 | 0.573 | 0.571 | 0.571 | 0.570 |
|  | 48 | 0.697 | 0.695 | 0.692 | 0.685 | 0.679 | 0.669 | 0.658 | 0.648 | 0.639 | 0.631 | 0.621 | 0.614 | 0.606 | 0.597 | 0.591 | 0.587 | 0.584 | 0.582 | 0.581 | 0.581 |
|  | 49 | 0.719 | 0.717 | 0.714 | 0.707 | 0.701 | 0.690 | 0.679 | 0.669 | 0.659 | 0.651 | 0.641 | 0.633 | 0.625 | 0.616 | 0.609 | 0.606 | 0.603 | 0.601 | 0.600 | 0.600 |
|  | 50 | 0.735 | 0.733 | 0.729 | 0.722 | 0.716 | 0.705 | 0.694 | 0.683 | 0.674 | 0.665 | 0.655 | 0.647 | 0.639 | 0.630 | 0.623 | 0.619 | 0.616 | 0.614 | 0.613 | 0.613 |

c. All Mondays and variable Thursdays and 2 fish annual limit

|  |  | Starting Sept 21 | Starting Sept 14 | Starting Sept 7 | Starting Aug 31 | Starting Aug 24 | Starting Aug 17 | Starting Aug 10 | Starting Aug 3 | Starting July 27 | Starting July 20 | Starting July 13 | Starting July 6 | Starting June 29 | Starting June 22 | Starting June 15 | Starting June 8 | Starting Jun 1 | Starting May 25 | Starting May 18 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 50,542 | 50,430 | 50,148 | 49,672 | 49,237 | 48,451 | 47,653 | 46,879 | 46,223 | 45,611 | 44,848 | 44,272 | 43,711 | 43,055 | 42,588 | 42,337 | 42,128 | 42,014 | 41,956 | 41,932 |
| 안 | 35 | 0.451 | 0.450 | 0.447 | 0.443 | 0.439 | 0.432 | 0.425 | 0.418 | 0.412 | 0.407 | 0.400 | 0.395 | 0.390 | 0.384 | 0.380 | 0.378 | 0.376 | 0.375 | 0.374 | 0.374 |
|  | 36 | 0.478 | 0.477 | 0.474 | 0.469 | 0.465 | 0.458 | 0.451 | 0.443 | 0.437 | 0.431 | 0.424 | 0.419 | 0.414 | 0.407 | 0.403 | 0.400 | 0.398 | 0.397 | 0.397 | 0.396 |
|  | 37 | 0.494 | 0.493 | 0.490 | 0.485 | 0.481 | 0.473 | 0.466 | 0.458 | 0.452 | 0.446 | 0.438 | 0.433 | 0.427 | 0.421 | 0.416 | 0.414 | 0.412 | 0.410 | 0.410 | 0.410 |
|  | 38 | 0.518 | 0.516 | 0.514 | 0.509 | 0.504 | 0.496 | 0.488 | 0.480 | 0.474 | 0.467 | 0.460 | 0.454 | 0.448 | 0.442 | 0.437 | 0.434 | 0.432 | 0.430 | 0.430 | 0.430 |
|  | 39 | 0.535 | 0.534 | 0.531 | 0.526 | 0.521 | 0.513 | 0.505 | 0.497 | 0.490 | 0.483 | 0.475 | 0.470 | 0.464 | 0.457 | 0.451 | 0.449 | 0.446 | 0.445 | 0.445 | 0.444 |
|  | 40 | 0.551 | 0.549 | 0.546 | 0.541 | 0.536 | 0.528 | 0.519 | 0.511 | 0.504 | 0.497 | 0.489 | 0.483 | 0.477 | 0.470 | 0.464 | 0.461 | 0.459 | 0.458 | 0.457 | 0.457 |
|  | 41 | 0.569 | 0.567 | 0.564 | 0.559 | 0.554 | 0.545 | 0.536 | 0.528 | 0.520 | 0.513 | 0.505 | 0.499 | 0.492 | 0.485 | 0.479 | 0.476 | 0.474 | 0.473 | 0.472 | 0.472 |
|  | 42 | 0.581 | 0.580 | 0.577 | 0.571 | 0.566 | 0.557 | 0.548 | 0.539 | 0.532 | 0.525 | 0.516 | 0.510 | 0.503 | 0.496 | 0.490 | 0.487 | 0.484 | 0.483 | 0.482 | 0.482 |
|  | 43 | 0.594 | 0.593 | 0.590 | 0.584 | 0.579 | 0.570 | 0.560 | 0.552 | 0.544 | 0.536 | 0.528 | 0.521 | 0.515 | 0.507 | 0.501 | 0.498 | 0.495 | 0.494 | 0.493 | 0.493 |
|  | 44 | 0.614 | 0.612 | 0.609 | 0.603 | 0.597 | 0.588 | 0.578 | 0.569 | 0.561 | 0.554 | 0.545 | 0.538 | 0.531 | 0.523 | 0.517 | 0.514 | 0.511 | 0.510 | 0.509 | 0.509 |
|  | 45 | 0.634 | 0.633 | 0.629 | 0.623 | 0.618 | 0.608 | 0.598 | 0.588 | 0.580 | 0.572 | 0.563 | 0.556 | 0.549 | 0.541 | 0.535 | 0.531 | 0.529 | 0.527 | 0.526 | 0.526 |
|  | 46 | 0.648 | 0.647 | 0.643 | 0.637 | 0.631 | 0.621 | 0.611 | 0.602 | 0.593 | 0.585 | 0.575 | 0.569 | 0.561 | 0.553 | 0.547 | 0.543 | 0.540 | 0.539 | 0.538 | 0.538 |
|  | 47 | 0.667 | 0.665 | 0.661 | 0.655 | 0.649 | 0.639 | 0.628 | 0.619 | 0.610 | 0.602 | 0.592 | 0.585 | 0.577 | 0.569 | 0.562 | 0.559 | 0.556 | 0.554 | 0.553 | 0.553 |
|  | 48 | 0.679 | 0.678 | 0.674 | 0.667 | 0.662 | 0.651 | 0.640 | 0.630 | 0.621 | 0.613 | 0.603 | 0.596 | 0.589 | 0.580 | 0.573 | 0.569 | 0.566 | 0.565 | 0.564 | 0.564 |
|  | 49 | 0.701 | 0.699 | 0.695 | 0.689 | 0.682 | 0.672 | 0.661 | 0.650 | 0.641 | 0.633 | 0.622 | 0.615 | 0.607 | 0.598 | 0.591 | 0.587 | 0.584 | 0.583 | 0.582 | 0.581 |
|  | 50 | 0.716 | 0.714 | 0.710 | 0.704 | 0.697 | 0.686 | 0.675 | 0.665 | 0.655 | 0.646 | 0.636 | 0.628 | 0.620 | 0.611 | 0.604 | 0.600 | 0.597 | 0.595 | 0.594 | 0.594 |

Table 2C.14. (continued)
d. All Mondays and variable Fridays and 2 fish annual limit

|  |  | Starting Sept 22 | Starting Sept 15 | Starting Sept 8 | Starting Sep 1 | Starting Aug 25 | Starting Aug 18 | Starting Aug 11 | Starting Aug 4 | Starting July 28 | Starting July 21 | Starting July 14 | Starting July 7 | Starting June 30 | Starting June 23 | Starting June 16 | Starting June 9 | Starting Jun 2 | Starting May 26 | Starting May 19 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 50,576 | 50,512 | 50,211 | 49,753 | 49,476 | 48,776 | 47,867 | 47,170 | 46,437 | 45,633 | 44,808 | 44,314 | 43,675 | 43,066 | 42,592 | 42,248 | 42,130 | 41,990 | 41,907 | 41,892 |
|  | 35 | 0.451 | 0.450 | 0.448 | 0.444 | 0.441 | 0.435 | 0.427 | 0.421 | 0.414 | 0.407 | 0.400 | 0.395 | 0.389 | 0.384 | 0.380 | 0.377 | 0.376 | 0.374 | 0.373 | 0.373 |
|  | 36 | 0.478 | 0.477 | 0.475 | 0.470 | 0.468 | 0.461 | 0.452 | 0.446 | 0.439 | 0.431 | 0.424 | 0.419 | 0.413 | 0.407 | 0.403 | 0.399 | 0.398 | 0.397 | 0.396 | 0.396 |
|  | 37 | 0.494 | 0.493 | 0.490 | 0.486 | 0.483 | 0.476 | 0.468 | 0.461 | 0.454 | 0.446 | 0.438 | 0.433 | 0.427 | 0.421 | 0.416 | 0.413 | 0.411 | 0.410 | 0.409 | 0.409 |
|  | 38 | 0.518 | 0.517 | 0.514 | 0.510 | 0.507 | 0.499 | 0.490 | 0.483 | 0.476 | 0.467 | 0.459 | 0.454 | 0.448 | 0.441 | 0.436 | 0.433 | 0.431 | 0.430 | 0.429 | 0.429 |
|  | 39 | 0.536 | 0.535 | 0.532 | 0.527 | 0.524 | 0.516 | 0.507 | 0.500 | 0.492 | 0.483 | 0.475 | 0.470 | 0.463 | 0.456 | 0.451 | 0.448 | 0.446 | 0.445 | 0.444 | 0.444 |
|  | 40 | 0.551 | 0.550 | 0.547 | 0.542 | 0.539 | 0.531 | 0.522 | 0.514 | 0.506 | 0.497 | 0.488 | 0.483 | 0.476 | 0.470 | 0.464 | 0.460 | 0.459 | 0.457 | 0.456 | 0.456 |
|  | 41 | 0.569 | 0.568 | 0.565 | 0.560 | 0.556 | 0.548 | 0.538 | 0.531 | 0.522 | 0.513 | 0.504 | 0.499 | 0.492 | 0.485 | 0.479 | 0.475 | 0.474 | 0.472 | 0.471 | 0.471 |
|  | 42 | 0.581 | 0.581 | 0.577 | 0.572 | 0.569 | 0.560 | 0.550 | 0.542 | 0.534 | 0.525 | 0.515 | 0.510 | 0.502 | 0.496 | 0.490 | 0.486 | 0.484 | 0.483 | 0.482 | 0.481 |
|  | 43 | 0.595 | 0.594 | 0.590 | 0.585 | 0.582 | 0.573 | 0.563 | 0.555 | 0.546 | 0.537 | 0.527 | 0.521 | 0.514 | 0.507 | 0.501 | 0.497 | 0.495 | 0.494 | 0.493 | 0.492 |
|  | 44 | 0.614 | 0.613 | 0.609 | 0.604 | 0.600 | 0.592 | 0.581 | 0.572 | 0.563 | 0.554 | 0.544 | 0.538 | 0.530 | 0.523 | 0.517 | 0.513 | 0.511 | 0.509 | 0.508 | 0.508 |
|  | 45 | 0.635 | 0.634 | 0.630 | 0.624 | 0.620 | 0.612 | 0.600 | 0.592 | 0.582 | 0.573 | 0.562 | 0.556 | 0.548 | 0.541 | 0.535 | 0.530 | 0.529 | 0.527 | 0.526 | 0.525 |
|  | 46 | 0.649 | 0.648 | 0.644 | 0.638 | 0.634 | 0.625 | 0.614 | 0.605 | 0.595 | 0.585 | 0.575 | 0.569 | 0.561 | 0.553 | 0.547 | 0.542 | 0.540 | 0.538 | 0.537 | 0.537 |
|  | 47 | 0.667 | 0.666 | 0.662 | 0.656 | 0.652 | 0.643 | 0.631 | 0.622 | 0.612 | 0.602 | 0.591 | 0.585 | 0.577 | 0.569 | 0.562 | 0.557 | 0.556 | 0.554 | 0.552 | 0.552 |
|  | 48 | 0.680 | 0.679 | 0.675 | 0.669 | 0.665 | 0.655 | 0.643 | 0.634 | 0.624 | 0.613 | 0.602 | 0.596 | 0.588 | 0.580 | 0.573 | 0.568 | 0.566 | 0.564 | 0.563 | 0.563 |
|  | 49 | 0.701 | 0.700 | 0.696 | 0.690 | 0.686 | 0.676 | 0.664 | 0.654 | 0.644 | 0.633 | 0.621 | 0.615 | 0.606 | 0.598 | 0.591 | 0.586 | 0.584 | 0.582 | 0.581 | 0.581 |
|  | 50 | 0.717 | 0.716 | 0.711 | 0.705 | 0.700 | 0.690 | 0.678 | 0.668 | 0.658 | 0.647 | 0.635 | 0.628 | 0.619 | 0.611 | 0.604 | 0.599 | 0.597 | 0.595 | 0.593 | 0.593 |

e. All Tuesdays and variable Fridays and 2 fish annual limit

|  |  | Starting Sept 22 | Starting Sept 15 | Starting Sept 8 | Starting Sep 1 | Starting Aug 25 | Starting Aug 18 | Starting Aug 11 | Starting Aug 4 | Starting July 28 | Starting July 21 | Starting July 14 | Starting July 7 | Starting June 30 | Starting June 23 | Starting June 16 | Starting June 9 | Starting Jun 2 | Starting May 26 | Starting May 19 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,363 | 51,299 | 50,998 | 50,540 | 50,263 | 49,563 | 48,654 | 47,957 | 47,224 | 46,420 | 45,595 | 45,101 | 44,462 | 43,853 | 43,379 | 43,035 | 42,917 | 42,777 | 42,694 | 42,679 |
|  | 35 | 0.457 | 0.457 | 0.454 | 0.450 | 0.447 | 0.441 | 0.433 | 0.427 | 0.420 | 0.413 | 0.406 | 0.402 | 0.396 | 0.390 | 0.386 | 0.383 | 0.382 | 0.381 | 0.380 | 0.380 |
|  | 36 | 0.485 | 0.484 | 0.481 | 0.477 | 0.474 | 0.468 | 0.459 | 0.453 | 0.446 | 0.438 | 0.430 | 0.426 | 0.420 | 0.414 | 0.409 | 0.406 | 0.405 | 0.403 | 0.403 | 0.403 |
|  | 37 | 0.501 | 0.500 | 0.497 | 0.493 | 0.490 | 0.483 | 0.474 | 0.468 | 0.460 | 0.453 | 0.445 | 0.440 | 0.434 | 0.428 | 0.423 | 0.419 | 0.418 | 0.417 | 0.416 | 0.416 |
|  | 38 | 0.525 | 0.524 | 0.521 | 0.517 | 0.514 | 0.507 | 0.497 | 0.490 | 0.483 | 0.475 | 0.466 | 0.461 | 0.455 | 0.449 | 0.444 | 0.440 | 0.439 | 0.437 | 0.436 | 0.436 |
|  | 39 | 0.543 | 0.542 | 0.539 | 0.534 | 0.531 | 0.524 | 0.514 | 0.507 | 0.499 | 0.491 | 0.482 | 0.477 | 0.470 | 0.464 | 0.459 | 0.455 | 0.454 | 0.452 | 0.451 | 0.451 |
|  | 40 | 0.559 | 0.558 | 0.555 | 0.550 | 0.546 | 0.539 | 0.529 | 0.521 | 0.513 | 0.505 | 0.496 | 0.491 | 0.484 | 0.477 | 0.472 | 0.468 | 0.467 | 0.465 | 0.464 | 0.464 |
|  | 41 | 0.577 | 0.576 | 0.572 | 0.567 | 0.564 | 0.556 | 0.546 | 0.538 | 0.530 | 0.521 | 0.512 | 0.506 | 0.499 | 0.492 | 0.487 | 0.483 | 0.482 | 0.480 | 0.479 | 0.479 |
|  | 42 | 0.589 | 0.588 | 0.585 | 0.580 | 0.576 | 0.568 | 0.558 | 0.550 | 0.541 | 0.532 | 0.523 | 0.517 | 0.510 | 0.503 | 0.498 | 0.493 | 0.492 | 0.490 | 0.489 | 0.489 |
|  | 43 | 0.602 | 0.602 | 0.598 | 0.593 | 0.589 | 0.581 | 0.570 | 0.562 | 0.554 | 0.544 | 0.535 | 0.529 | 0.522 | 0.515 | 0.509 | 0.505 | 0.503 | 0.501 | 0.500 | 0.500 |
|  | 44 | 0.622 | 0.621 | 0.617 | 0.612 | 0.608 | 0.600 | 0.589 | 0.580 | 0.571 | 0.562 | 0.552 | 0.546 | 0.538 | 0.531 | 0.525 | 0.521 | 0.519 | 0.517 | 0.516 | 0.516 |
|  | 45 | 0.643 | 0.642 | 0.638 | 0.632 | 0.629 | 0.620 | 0.609 | 0.600 | 0.591 | 0.581 | 0.571 | 0.565 | 0.557 | 0.549 | 0.543 | 0.538 | 0.537 | 0.535 | 0.534 | 0.534 |
|  | 46 | 0.657 | 0.656 | 0.652 | 0.646 | 0.642 | 0.633 | 0.622 | 0.613 | 0.604 | 0.594 | 0.583 | 0.577 | 0.569 | 0.561 | 0.555 | 0.550 | 0.549 | 0.547 | 0.546 | 0.545 |
|  | 47 | 0.676 | 0.675 | 0.671 | 0.665 | 0.661 | 0.651 | 0.640 | 0.630 | 0.621 | 0.610 | 0.600 | 0.593 | 0.585 | 0.577 | 0.571 | 0.566 | 0.564 | 0.562 | 0.561 | 0.561 |
|  | 48 | 0.689 | 0.688 | 0.684 | 0.677 | 0.673 | 0.664 | 0.652 | 0.643 | 0.633 | 0.622 | 0.611 | 0.605 | 0.596 | 0.588 | 0.582 | 0.577 | 0.575 | 0.573 | 0.572 | 0.571 |
|  | 49 | 0.710 | 0.709 | 0.705 | 0.699 | 0.694 | 0.685 | 0.672 | 0.663 | 0.652 | 0.642 | 0.630 | 0.624 | 0.615 | 0.607 | 0.600 | 0.595 | 0.593 | 0.591 | 0.590 | 0.589 |
|  | 50 | 0.725 | 0.724 | 0.720 | 0.714 | 0.709 | 0.699 | 0.687 | 0.677 | 0.666 | 0.655 | 0.644 | 0.637 | 0.628 | 0.620 | 0.613 | 0.607 | 0.606 | 0.603 | 0.602 | 0.602 |

Table 2C.14. (continued)
f. All Tuesdays and variable Saturdays and 2 fish annual limit

|  |  | $\begin{gathered} \hline \text { Starting } \\ \text { Sept } 23 \end{gathered}$ | Starting Sept 16 | Starting Sept 9 | Starting Sept 2 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 26 \\ \hline \end{array}$ | Starting Aug 19 | Starting Aug 12 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 5 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 29 \end{array}$ | Starting July 22 | Starting July 15 | $\begin{array}{r} \text { Starting } \\ \text { July } 8 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 1 \\ \hline \end{array}$ | Starting June 24 | Starting June 17 | Starting June 10 | Starting June 3 | $\begin{array}{r} \text { Starting } \\ \text { May } 27 \\ \hline \end{array}$ | Starting May 20 | Starting Sept 23 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,355 | 51,294 | 51,091 | 50,716 | 50,289 | 49,738 | 48,975 | 48,223 | 47,538 | 46,748 | 46,022 | 45,413 | 44,775 | 44,313 | 43,857 | 43,547 | 43,381 | 43,240 | 43,162 | 43,140 |
|  | 35 | 0.457 | 0.457 | 0.455 | 0.452 | 0.448 | 0.443 | 0.436 | 0.429 | 0.423 | 0.416 | 0.410 | 0.405 | 0.399 | 0.395 | 0.391 | 0.388 | 0.386 | 0.385 | 0.384 | 0.384 |
|  | 36 | 0.485 | 0.484 | 0.482 | 0.479 | 0.475 | 0.469 | 0.462 | 0.455 | 0.449 | 0.442 | 0.435 | 0.429 | 0.423 | 0.419 | 0.414 | 0.411 | 0.410 | 0.408 | 0.407 | 0.407 |
|  | 37 | 0.501 | 0.500 | 0.498 | 0.495 | 0.490 | 0.485 | 0.478 | 0.470 | 0.464 | 0.456 | 0.449 | 0.443 | 0.437 | 0.433 | 0.428 | 0.425 | 0.423 | 0.422 | 0.421 | 0.421 |
|  | 38 | 0.525 | 0.525 | 0.522 | 0.519 | 0.514 | 0.509 | 0.501 | 0.493 | 0.486 | 0.478 | 0.471 | 0.465 | 0.458 | 0.454 | 0.449 | 0.446 | 0.444 | 0.442 | 0.441 | 0.441 |
|  | 39 | 0.543 | 0.542 | 0.540 | 0.536 | 0.532 | 0.526 | 0.518 | 0.510 | 0.503 | 0.495 | 0.487 | 0.481 | 0.474 | 0.469 | 0.464 | 0.461 | 0.459 | 0.458 | 0.457 | 0.456 |
|  | 40 | 0.559 | 0.558 | 0.556 | 0.552 | 0.547 | 0.541 | 0.533 | 0.525 | 0.517 | 0.509 | 0.501 | 0.495 | 0.488 | 0.483 | 0.478 | 0.474 | 0.472 | 0.471 | 0.470 | 0.469 |
|  | 41 | 0.577 | 0.576 | 0.574 | 0.569 | 0.564 | 0.558 | 0.550 | 0.542 | 0.534 | 0.525 | 0.517 | 0.511 | 0.503 | 0.498 | 0.493 | 0.490 | 0.488 | 0.486 | 0.485 | 0.485 |
|  | 42 | 0.589 | 0.588 | 0.586 | 0.582 | 0.577 | 0.570 | 0.562 | 0.553 | 0.546 | 0.537 | 0.529 | 0.522 | 0.514 | 0.509 | 0.504 | 0.500 | 0.498 | 0.496 | 0.495 | 0.495 |
|  | 43 | 0.602 | 0.602 | 0.599 | 0.595 | 0.590 | 0.583 | 0.575 | 0.566 | 0.558 | 0.549 | 0.541 | 0.534 | 0.526 | 0.521 | 0.515 | 0.512 | 0.510 | 0.508 | 0.507 | 0.506 |
|  | 44 | 0.622 | 0.621 | 0.619 | 0.614 | 0.609 | 0.602 | 0.593 | 0.584 | 0.576 | 0.567 | 0.558 | 0.551 | 0.543 | 0.538 | 0.532 | 0.528 | 0.526 | 0.524 | 0.523 | 0.523 |
|  | 45 | 0.643 | 0.642 | 0.639 | 0.635 | 0.629 | 0.622 | 0.613 | 0.604 | 0.595 | 0.586 | 0.577 | 0.570 | 0.562 | 0.556 | 0.550 | 0.546 | 0.544 | 0.542 | 0.541 | 0.540 |
|  | 46 | 0.657 | 0.656 | 0.654 | 0.649 | 0.643 | 0.636 | 0.627 | 0.617 | 0.609 | 0.599 | 0.590 | 0.582 | 0.574 | 0.568 | 0.562 | 0.558 | 0.556 | 0.554 | 0.553 | 0.552 |
|  | 47 | 0.676 | 0.675 | 0.672 | 0.667 | 0.661 | 0.654 | 0.645 | 0.635 | 0.626 | 0.616 | 0.606 | 0.599 | 0.590 | 0.584 | 0.578 | 0.574 | 0.572 | 0.569 | 0.568 | 0.568 |
|  | 48 | 0.688 | 0.688 | 0.685 | 0.680 | 0.674 | 0.667 | 0.657 | 0.647 | 0.638 | 0.628 | 0.618 | 0.610 | 0.602 | 0.596 | 0.589 | 0.585 | 0.583 | 0.580 | 0.579 | 0.579 |
|  | 49 | 0.710 | 0.709 | 0.706 | 0.701 | 0.695 | 0.688 | 0.677 | 0.667 | 0.658 | 0.647 | 0.637 | 0.629 | 0.621 | 0.614 | 0.608 | 0.603 | 0.601 | 0.599 | 0.597 | 0.597 |
|  | 50 | 0.725 | 0.724 | 0.722 | 0.716 | 0.710 | 0.702 | 0.692 | 0.682 | 0.672 | 0.661 | 0.651 | 0.643 | 0.634 | 0.628 | 0.621 | 0.616 | 0.614 | 0.612 | 0.610 | 0.610 |

g. All Wednesdays and variable Saturdays and 2 fish annual limit

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 23 \end{aligned}$ | Starting Sept 16 | $\begin{array}{r} \text { Starting } \\ \text { Sept } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 2 \end{array}$ | Starting Aug 26 | Starting Aug 19 | Starting Aug 12 | Starting Aug 5 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 29 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 22 \end{array}$ | Starting July 15 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 8 \\ \hline \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } \end{array}$ | Starting June 24 | Starting June 17 | $\begin{aligned} & \text { Starting } \\ & \text { June } 10 \end{aligned}$ | Starting June 3 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 27 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 20 \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,325 | 51,264 | 51,061 | 50,686 | 50,259 | 49,708 | 48,945 | 48,193 | 47,508 | 46,718 | 45,992 | 45,383 | 44,745 | 44,283 | 43,827 | 43,517 | 43,351 | 43,210 | 43,132 | 43,110 |
|  | 35 | 0.457 | 0.456 | 0.454 | 0.451 | 0.447 | 0.442 | 0.435 | 0.429 | 0.423 | 0.416 | 0.409 | 0.404 | 0.398 | 0.394 | 0.390 | 0.387 | 0.386 | 0.384 | 0.384 | 0.383 |
|  | 36 | 0.484 | 0.483 | 0.482 | 0.478 | 0.474 | 0.469 | 0.462 | 0.455 | 0.448 | 0.441 | 0.434 | 0.428 | 0.422 | 0.418 | 0.414 | 0.411 | 0.409 | 0.408 | 0.407 | 0.407 |
|  | 37 | 0.500 | 0.500 | 0.498 | 0.494 | 0.490 | 0.484 | 0.477 | 0.470 | 0.463 | 0.456 | 0.448 | 0.443 | 0.436 | 0.432 | 0.427 | 0.424 | 0.423 | 0.421 | 0.420 | 0.420 |
|  | 38 | 0.524 | 0.524 | 0.522 | 0.518 | 0.513 | 0.508 | 0.500 | 0.493 | 0.486 | 0.478 | 0.470 | 0.464 | 0.458 | 0.453 | 0.448 | 0.445 | 0.443 | 0.442 | 0.441 | 0.440 |
|  | 39 | 0.542 | 0.542 | 0.540 | 0.536 | 0.531 | 0.525 | 0.517 | 0.509 | 0.502 | 0.494 | 0.486 | 0.480 | 0.473 | 0.468 | 0.464 | 0.460 | 0.458 | 0.457 | 0.456 | 0.456 |
|  | 40 | 0.558 | 0.557 | 0.555 | 0.551 | 0.546 | 0.540 | 0.532 | 0.524 | 0.516 | 0.508 | 0.500 | 0.494 | 0.487 | 0.482 | 0.477 | 0.473 | 0.471 | 0.470 | 0.469 | 0.469 |
|  | 41 | 0.576 | 0.575 | 0.573 | 0.568 | 0.564 | 0.557 | 0.549 | 0.541 | 0.533 | 0.524 | 0.516 | 0.510 | 0.503 | 0.497 | 0.492 | 0.489 | 0.487 | 0.485 | 0.484 | 0.484 |
|  | 42 | 0.588 | 0.587 | 0.585 | 0.581 | 0.576 | 0.569 | 0.561 | 0.552 | 0.545 | 0.536 | 0.528 | 0.521 | 0.513 | 0.508 | 0.503 | 0.499 | 0.497 | 0.495 | 0.494 | 0.494 |
|  | 43 | 0.601 | 0.601 | 0.598 | 0.594 | 0.589 | 0.582 | 0.574 | 0.565 | 0.557 | 0.548 | 0.539 | 0.533 | 0.525 | 0.520 | 0.514 | 0.510 | 0.508 | 0.507 | 0.506 | 0.505 |
|  | 44 | 0.621 | 0.620 | 0.617 | 0.613 | 0.608 | 0.601 | 0.592 | 0.583 | 0.575 | 0.566 | 0.557 | 0.550 | 0.542 | 0.537 | 0.531 | 0.527 | 0.525 | 0.523 | 0.522 | 0.522 |
|  | 45 | 0.642 | 0.641 | 0.638 | 0.634 | 0.628 | 0.621 | 0.612 | 0.603 | 0.594 | 0.585 | 0.576 | 0.568 | 0.560 | 0.555 | 0.549 | 0.545 | 0.543 | 0.541 | 0.539 | 0.539 |
|  | 46 | 0.656 | 0.655 | 0.652 | 0.647 | 0.642 | 0.635 | 0.625 | 0.616 | 0.607 | 0.598 | 0.588 | 0.581 | 0.573 | 0.567 | 0.561 | 0.557 | 0.555 | 0.552 | 0.551 | 0.551 |
|  | 47 | 0.674 | 0.673 | 0.671 | 0.666 | 0.660 | 0.653 | 0.643 | 0.633 | 0.624 | 0.614 | 0.605 | 0.597 | 0.589 | 0.583 | 0.577 | 0.573 | 0.570 | 0.568 | 0.567 | 0.567 |
|  | 48 | 0.687 | 0.686 | 0.684 | 0.679 | 0.673 | 0.665 | 0.656 | 0.646 | 0.636 | 0.626 | 0.617 | 0.609 | 0.600 | 0.594 | 0.588 | 0.584 | 0.581 | 0.579 | 0.578 | 0.578 |
|  | 49 | 0.709 | 0.708 | 0.705 | 0.700 | 0.694 | 0.686 | 0.676 | 0.666 | 0.656 | 0.646 | 0.636 | 0.628 | 0.619 | 0.613 | 0.606 | 0.602 | 0.599 | 0.597 | 0.596 | 0.596 |
|  | 50 | 0.724 | 0.723 | 0.720 | 0.715 | 0.708 | 0.701 | 0.690 | 0.680 | 0.670 | 0.660 | 0.650 | 0.641 | 0.632 | 0.626 | 0.619 | 0.615 | 0.612 | 0.610 | 0.609 | 0.608 |

Table 2C.14. (continued)
h. All Wednesdays and variable Sundays and 2 fish annual limit

|  |  | Starting Sept 17 | Starting Sept 10 | Starting Sept 03 | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 6 \\ \hline \end{array}$ | Starting July 30 | Starting <br> July 23 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 16 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 9 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 2 \\ \hline \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | Starting May 21 | Starting May 14 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,297 | 51,115 | 50,750 | 50,216 | 49,927 | 49,147 | 48,437 | 47,798 | 47,142 | 46,373 | 45,736 | 45,162 | 44,617 | 44,176 | 43,853 | 43,653 | 43,443 | 43,327 | 43,291 | 43,290 |
|  | 35 | 0.456 | 0.455 | 0.452 | 0.447 | 0.444 | 0.438 | 0.431 | 0.426 | 0.420 | 0.413 | 0.408 | 0.403 | 0.398 | 0.394 | 0.391 | 0.389 | 0.387 | 0.386 | 0.386 | 0.386 |
|  | 36 | 0.484 | 0.482 | 0.479 | 0.474 | 0.471 | 0.464 | 0.457 | 0.451 | 0.445 | 0.438 | 0.432 | 0.427 | 0.422 | 0.418 | 0.415 | 0.413 | 0.411 | 0.409 | 0.409 | 0.409 |
|  | 37 | 0.500 | 0.498 | 0.495 | 0.490 | 0.487 | 0.479 | 0.472 | 0.466 | 0.460 | 0.453 | 0.447 | 0.441 | 0.436 | 0.432 | 0.428 | 0.426 | 0.424 | 0.423 | 0.423 | 0.423 |
|  | 38 | 0.524 | 0.522 | 0.519 | 0.513 | 0.510 | 0.503 | 0.495 | 0.489 | 0.482 | 0.475 | 0.468 | 0.463 | 0.457 | 0.453 | 0.449 | 0.447 | 0.445 | 0.444 | 0.443 | 0.443 |
|  | 39 | 0.542 | 0.540 | 0.536 | 0.531 | 0.528 | 0.520 | 0.512 | 0.506 | 0.499 | 0.491 | 0.485 | 0.479 | 0.473 | 0.468 | 0.465 | 0.463 | 0.460 | 0.459 | 0.459 | 0.459 |
|  | 40 | 0.557 | 0.555 | 0.552 | 0.546 | 0.543 | 0.535 | 0.527 | 0.520 | 0.513 | 0.505 | 0.498 | 0.492 | 0.486 | 0.482 | 0.478 | 0.476 | 0.473 | 0.472 | 0.472 | 0.472 |
|  | 41 | 0.575 | 0.573 | 0.569 | 0.563 | 0.560 | 0.552 | 0.544 | 0.537 | 0.530 | 0.521 | 0.514 | 0.508 | 0.502 | 0.497 | 0.493 | 0.491 | 0.489 | 0.487 | 0.487 | 0.487 |
|  | 42 | 0.588 | 0.586 | 0.582 | 0.576 | 0.572 | 0.564 | 0.556 | 0.549 | 0.541 | 0.533 | 0.526 | 0.519 | 0.513 | 0.508 | 0.504 | 0.502 | 0.499 | 0.498 | 0.498 | 0.498 |
|  | 43 | 0.601 | 0.599 | 0.595 | 0.589 | 0.585 | 0.576 | 0.568 | 0.561 | 0.553 | 0.545 | 0.538 | 0.531 | 0.525 | 0.520 | 0.516 | 0.513 | 0.511 | 0.509 | 0.509 | 0.509 |
|  | 44 | 0.620 | 0.618 | 0.614 | 0.608 | 0.604 | 0.595 | 0.586 | 0.579 | 0.571 | 0.562 | 0.555 | 0.548 | 0.542 | 0.537 | 0.532 | 0.530 | 0.527 | 0.526 | 0.525 | 0.525 |
|  | 45 | 0.641 | 0.639 | 0.635 | 0.628 | 0.625 | 0.615 | 0.606 | 0.599 | 0.591 | 0.581 | 0.574 | 0.567 | 0.560 | 0.555 | 0.551 | 0.548 | 0.545 | 0.543 | 0.543 | 0.543 |
|  | 46 | 0.655 | 0.653 | 0.649 | 0.642 | 0.638 | 0.629 | 0.620 | 0.612 | 0.604 | 0.594 | 0.587 | 0.579 | 0.573 | 0.567 | 0.563 | 0.560 | 0.557 | 0.556 | 0.555 | 0.555 |
|  | 47 | 0.674 | 0.671 | 0.667 | 0.660 | 0.656 | 0.646 | 0.637 | 0.629 | 0.621 | 0.611 | 0.603 | 0.596 | 0.589 | 0.583 | 0.579 | 0.576 | 0.573 | 0.571 | 0.571 | 0.571 |
|  | 48 | 0.687 | 0.684 | 0.680 | 0.673 | 0.669 | 0.659 | 0.649 | 0.641 | 0.633 | 0.623 | 0.615 | 0.607 | 0.600 | 0.595 | 0.590 | 0.587 | 0.584 | 0.582 | 0.582 | 0.582 |
|  | 49 | 0.708 | 0.706 | 0.701 | 0.694 | 0.690 | 0.679 | 0.670 | 0.661 | 0.652 | 0.642 | 0.634 | 0.626 | 0.619 | 0.613 | 0.608 | 0.606 | 0.602 | 0.601 | 0.600 | 0.600 |
|  | 50 | 0.723 | 0.721 | 0.716 | 0.709 | 0.705 | 0.694 | 0.684 | 0.675 | 0.667 | 0.656 | 0.648 | 0.640 | 0.632 | 0.627 | 0.622 | 0.619 | 0.615 | 0.614 | 0.613 | 0.613 |

i. All Thursdays and variable Sundays and 2 fish annual limit

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 17 \end{aligned}$ | Starting Sept 10 | Starting Sept 03 | Starting Aug 27 | Starting Aug 20 | Starting Aug 13 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 6 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 30 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 23 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 16 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 9 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 2 \end{array}$ | Starting June 25 | Starting June 18 | Starting June 11 | Starting June 4 | Starting May 28 | $\begin{aligned} & \text { Starting } \\ & \text { May } 21 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { May } 14 \\ \hline \end{array}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,110 | 50,928 | 50,563 | 50,029 | 49,740 | 48,960 | 48,250 | 47,611 | 46,955 | 46,186 | 45,549 | 44,975 | 44,430 | 43,989 | 43,666 | 43,466 | 43,256 | 43,140 | 43,104 | 43,103 |
|  | 35 | 0.456 | 0.454 | 0.451 | 0.446 | 0.444 | 0.437 | 0.431 | 0.425 | 0.419 | 0.413 | 0.407 | 0.402 | 0.397 | 0.393 | 0.390 | 0.389 | 0.387 | 0.386 | 0.385 | 0.385 |
|  | 36 | 0.483 | 0.481 | 0.478 | 0.473 | 0.470 | 0.463 | 0.456 | 0.451 | 0.444 | 0.437 | 0.432 | 0.426 | 0.421 | 0.417 | 0.414 | 0.412 | 0.410 | 0.409 | 0.408 | 0.408 |
|  | 37 | 0.499 | 0.497 | 0.494 | 0.489 | 0.486 | 0.479 | 0.472 | 0.466 | 0.459 | 0.452 | 0.446 | 0.440 | 0.435 | 0.431 | 0.428 | 0.426 | 0.424 | 0.422 | 0.422 | 0.422 |
|  | 38 | 0.523 | 0.521 | 0.518 | 0.513 | 0.510 | 0.502 | 0.495 | 0.488 | 0.482 | 0.474 | 0.468 | 0.462 | 0.456 | 0.452 | 0.449 | 0.446 | 0.444 | 0.443 | 0.443 | 0.443 |
|  | 39 | 0.541 | 0.539 | 0.536 | 0.530 | 0.527 | 0.519 | 0.511 | 0.505 | 0.498 | 0.490 | 0.484 | 0.478 | 0.472 | 0.467 | 0.464 | 0.462 | 0.459 | 0.458 | 0.458 | 0.458 |
|  | 40 | 0.557 | 0.555 | 0.551 | 0.545 | 0.542 | 0.534 | 0.526 | 0.519 | 0.512 | 0.504 | 0.498 | 0.491 | 0.486 | 0.481 | 0.477 | 0.475 | 0.473 | 0.471 | 0.471 | 0.471 |
|  | 41 | 0.575 | 0.573 | 0.569 | 0.563 | 0.560 | 0.551 | 0.543 | 0.536 | 0.529 | 0.520 | 0.514 | 0.507 | 0.501 | 0.497 | 0.493 | 0.490 | 0.488 | 0.486 | 0.486 | 0.486 |
|  | 42 | 0.587 | 0.585 | 0.581 | 0.575 | 0.572 | 0.563 | 0.555 | 0.548 | 0.541 | 0.532 | 0.525 | 0.519 | 0.512 | 0.508 | 0.504 | 0.501 | 0.499 | 0.497 | 0.497 | 0.497 |
|  | 43 | 0.600 | 0.598 | 0.594 | 0.588 | 0.585 | 0.576 | 0.568 | 0.560 | 0.553 | 0.544 | 0.537 | 0.531 | 0.524 | 0.519 | 0.515 | 0.513 | 0.510 | 0.509 | 0.508 | 0.508 |
|  | 44 | 0.620 | 0.617 | 0.613 | 0.607 | 0.604 | 0.594 | 0.586 | 0.578 | 0.571 | 0.561 | 0.554 | 0.548 | 0.541 | 0.536 | 0.532 | 0.529 | 0.527 | 0.525 | 0.525 | 0.525 |
|  | 45 | 0.641 | 0.638 | 0.634 | 0.627 | 0.624 | 0.614 | 0.606 | 0.598 | 0.590 | 0.580 | 0.573 | 0.566 | 0.559 | 0.554 | 0.550 | 0.547 | 0.544 | 0.543 | 0.542 | 0.542 |
|  | 46 | 0.655 | 0.652 | 0.648 | 0.641 | 0.638 | 0.628 | 0.619 | 0.611 | 0.603 | 0.593 | 0.586 | 0.579 | 0.572 | 0.567 | 0.562 | 0.559 | 0.557 | 0.555 | 0.554 | 0.554 |
|  | 47 | 0.673 | 0.671 | 0.666 | 0.659 | 0.656 | 0.646 | 0.637 | 0.629 | 0.620 | 0.610 | 0.603 | 0.595 | 0.588 | 0.583 | 0.578 | 0.575 | 0.572 | 0.571 | 0.570 | 0.570 |
|  | 48 | 0.686 | 0.684 | 0.679 | 0.672 | 0.668 | 0.658 | 0.649 | 0.641 | 0.632 | 0.622 | 0.614 | 0.607 | 0.600 | 0.594 | 0.589 | 0.587 | 0.583 | 0.582 | 0.581 | 0.581 |
|  | 49 | 0.708 | 0.705 | 0.700 | 0.693 | 0.689 | 0.679 | 0.669 | 0.661 | 0.652 | 0.642 | 0.634 | 0.626 | 0.619 | 0.613 | 0.608 | 0.605 | 0.602 | 0.600 | 0.600 | 0.600 |
|  | 50 | 0.723 | 0.721 | 0.716 | 0.708 | 0.704 | 0.694 | 0.684 | 0.675 | 0.666 | 0.656 | 0.648 | 0.640 | 0.632 | 0.626 | 0.621 | 0.618 | 0.615 | 0.613 | 0.613 | 0.613 |

Table 2C.14. (continued)
j. All Thursdays and variable Mondays and 2 fish annual limit

|  |  | Starting Sept 18 | Starting Sept 11 | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 7 \\ \hline \end{array}$ | Starting July 31 | Starting July 24 | Starting July 17 | Starting July 10 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 3 \\ \hline \end{array}$ | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | Starting May 29 | Starting May 22 | Starting <br> May 15 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,147 | 50,973 | 50,659 | 50,246 | 49,517 | 48,657 | 47,858 | 47,012 | 46,190 | 45,347 | 44,608 | 44,068 | 43,381 | 42,897 | 42,592 | 42,320 | 42,098 | 41,969 | 41,944 | 41,932 |
|  | 35 | 0.456 | 0.454 | 0.452 | 0.448 | 0.442 | 0.434 | 0.427 | 0.419 | 0.412 | 0.405 | 0.398 | 0.393 | 0.387 | 0.383 | 0.380 | 0.378 | 0.376 | 0.374 | 0.374 | 0.374 |
|  | 36 | 0.483 | 0.482 | 0.479 | 0.475 | 0.468 | 0.460 | 0.452 | 0.445 | 0.437 | 0.429 | 0.422 | 0.417 | 0.411 | 0.406 | 0.403 | 0.400 | 0.398 | 0.397 | 0.397 | 0.396 |
|  | 37 | 0.499 | 0.498 | 0.495 | 0.491 | 0.484 | 0.475 | 0.468 | 0.459 | 0.451 | 0.443 | 0.436 | 0.431 | 0.424 | 0.419 | 0.416 | 0.414 | 0.411 | 0.410 | 0.410 | 0.410 |
|  | 38 | 0.524 | 0.522 | 0.519 | 0.514 | 0.507 | 0.498 | 0.490 | 0.482 | 0.473 | 0.465 | 0.457 | 0.452 | 0.445 | 0.440 | 0.437 | 0.434 | 0.431 | 0.430 | 0.430 | 0.430 |
|  | 39 | 0.542 | 0.540 | 0.536 | 0.532 | 0.524 | 0.515 | 0.507 | 0.498 | 0.489 | 0.481 | 0.473 | 0.467 | 0.460 | 0.455 | 0.452 | 0.449 | 0.446 | 0.445 | 0.444 | 0.444 |
|  | 40 | 0.557 | 0.555 | 0.552 | 0.547 | 0.539 | 0.530 | 0.521 | 0.512 | 0.503 | 0.495 | 0.487 | 0.481 | 0.473 | 0.468 | 0.464 | 0.461 | 0.459 | 0.457 | 0.457 | 0.457 |
|  | 41 | 0.575 | 0.573 | 0.570 | 0.565 | 0.557 | 0.547 | 0.538 | 0.529 | 0.520 | 0.511 | 0.503 | 0.496 | 0.489 | 0.483 | 0.480 | 0.476 | 0.474 | 0.472 | 0.472 | 0.472 |
|  | 42 | 0.587 | 0.585 | 0.582 | 0.577 | 0.569 | 0.559 | 0.550 | 0.540 | 0.531 | 0.522 | 0.514 | 0.507 | 0.500 | 0.494 | 0.490 | 0.487 | 0.484 | 0.483 | 0.482 | 0.482 |
|  | 43 | 0.601 | 0.599 | 0.595 | 0.590 | 0.582 | 0.572 | 0.563 | 0.553 | 0.543 | 0.534 | 0.525 | 0.519 | 0.511 | 0.505 | 0.501 | 0.498 | 0.495 | 0.494 | 0.493 | 0.493 |
|  | 44 | 0.620 | 0.618 | 0.614 | 0.609 | 0.600 | 0.590 | 0.581 | 0.571 | 0.561 | 0.551 | 0.542 | 0.536 | 0.527 | 0.521 | 0.517 | 0.514 | 0.511 | 0.509 | 0.509 | 0.509 |
|  | 45 | 0.641 | 0.639 | 0.635 | 0.630 | 0.621 | 0.610 | 0.600 | 0.590 | 0.580 | 0.570 | 0.561 | 0.554 | 0.545 | 0.539 | 0.535 | 0.531 | 0.528 | 0.527 | 0.526 | 0.526 |
|  | 46 | 0.655 | 0.653 | 0.649 | 0.644 | 0.634 | 0.624 | 0.614 | 0.603 | 0.592 | 0.582 | 0.573 | 0.566 | 0.557 | 0.551 | 0.547 | 0.543 | 0.540 | 0.538 | 0.538 | 0.538 |
|  | 47 | 0.674 | 0.671 | 0.667 | 0.662 | 0.652 | 0.641 | 0.631 | 0.620 | 0.609 | 0.599 | 0.589 | 0.582 | 0.573 | 0.567 | 0.562 | 0.558 | 0.555 | 0.553 | 0.553 | 0.553 |
|  | 48 | 0.687 | 0.684 | 0.680 | 0.674 | 0.665 | 0.654 | 0.643 | 0.632 | 0.621 | 0.610 | 0.601 | 0.594 | 0.584 | 0.578 | 0.573 | 0.569 | 0.566 | 0.564 | 0.564 | 0.564 |
|  | 49 | 0.708 | 0.706 | 0.702 | 0.696 | 0.686 | 0.674 | 0.663 | 0.652 | 0.641 | 0.630 | 0.620 | 0.612 | 0.603 | 0.596 | 0.591 | 0.587 | 0.584 | 0.582 | 0.582 | 0.581 |
|  | 50 | 0.723 | 0.721 | 0.717 | 0.711 | 0.701 | 0.689 | 0.678 | 0.666 | 0.655 | 0.643 | 0.633 | 0.626 | 0.616 | 0.609 | 0.604 | 0.600 | 0.597 | 0.595 | 0.594 | 0.594 |

k. All Fridays and variable Mondays and 2 fish annual limit

|  |  | Starting Sept 18 | $\begin{aligned} & \text { Starting } \\ & \text { Sept } 11 \\ & \hline \end{aligned}$ | Starting Sept 4 | Starting Aug 28 | Starting Aug 21 | Starting Aug 14 | Starting Aug 7 | Starting July 31 | $\begin{array}{r} \text { Starting } \\ \text { July } 24 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 17 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 10 \\ \hline \end{array}$ | $\begin{aligned} & \text { Starting } \\ & \text { July } 3 \end{aligned}$ | Starting June 26 | Starting June 19 | Starting June 12 | Starting June 5 | $\begin{gathered} \text { Starting } \\ \text { May } 29 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 22 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Starting } \\ & \text { May } 15 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,107 | 50,933 | 50,619 | 50,206 | 49,477 | 48,617 | 47,818 | 46,972 | 46,150 | 45,307 | 44,568 | 44,028 | 43,341 | 42,857 | 42,552 | 42,280 | 42,058 | 41,929 | 41,904 | 41,892 |
|  | 35 | 0.455 | 0.454 | 0.451 | 0.447 | 0.441 | 0.433 | 0.426 | 0.419 | 0.411 | 0.404 | 0.398 | 0.393 | 0.387 | 0.382 | 0.379 | 0.377 | 0.375 | 0.374 | 0.373 | 0.373 |
|  | 36 | 0.483 | 0.481 | 0.478 | 0.474 | 0.467 | 0.459 | 0.452 | 0.444 | 0.436 | 0.428 | 0.421 | 0.416 | 0.410 | 0.405 | 0.402 | 0.400 | 0.397 | 0.396 | 0.396 | 0.396 |
|  | 37 | 0.499 | 0.497 | 0.494 | 0.490 | 0.483 | 0.475 | 0.467 | 0.459 | 0.451 | 0.443 | 0.436 | 0.430 | 0.424 | 0.419 | 0.416 | 0.413 | 0.411 | 0.409 | 0.409 | 0.409 |
|  | 38 | 0.523 | 0.521 | 0.518 | 0.514 | 0.506 | 0.498 | 0.490 | 0.481 | 0.473 | 0.464 | 0.457 | 0.451 | 0.444 | 0.439 | 0.436 | 0.433 | 0.431 | 0.429 | 0.429 | 0.429 |
|  | 39 | 0.541 | 0.539 | 0.536 | 0.531 | 0.524 | 0.515 | 0.506 | 0.497 | 0.489 | 0.480 | 0.472 | 0.467 | 0.460 | 0.454 | 0.451 | 0.448 | 0.445 | 0.444 | 0.444 | 0.444 |
|  | 40 | 0.556 | 0.554 | 0.551 | 0.546 | 0.539 | 0.529 | 0.521 | 0.512 | 0.503 | 0.494 | 0.486 | 0.480 | 0.473 | 0.467 | 0.464 | 0.461 | 0.458 | 0.457 | 0.456 | 0.456 |
|  | 41 | 0.574 | 0.572 | 0.569 | 0.564 | 0.556 | 0.546 | 0.538 | 0.528 | 0.519 | 0.510 | 0.502 | 0.496 | 0.488 | 0.482 | 0.479 | 0.476 | 0.473 | 0.471 | 0.471 | 0.471 |
|  | 42 | 0.587 | 0.585 | 0.581 | 0.576 | 0.568 | 0.558 | 0.549 | 0.540 | 0.530 | 0.521 | 0.513 | 0.507 | 0.499 | 0.493 | 0.489 | 0.486 | 0.483 | 0.482 | 0.482 | 0.481 |
|  | 43 | 0.600 | 0.598 | 0.594 | 0.590 | 0.581 | 0.571 | 0.562 | 0.552 | 0.543 | 0.533 | 0.525 | 0.518 | 0.510 | 0.504 | 0.501 | 0.497 | 0.494 | 0.493 | 0.493 | 0.492 |
|  | 44 | 0.619 | 0.617 | 0.614 | 0.608 | 0.600 | 0.589 | 0.580 | 0.570 | 0.560 | 0.550 | 0.542 | 0.535 | 0.527 | 0.521 | 0.517 | 0.513 | 0.510 | 0.509 | 0.508 | 0.508 |
|  | 45 | 0.640 | 0.638 | 0.634 | 0.629 | 0.620 | 0.609 | 0.600 | 0.589 | 0.579 | 0.569 | 0.560 | 0.553 | 0.545 | 0.538 | 0.534 | 0.531 | 0.528 | 0.526 | 0.526 | 0.525 |
|  | 46 | 0.654 | 0.652 | 0.648 | 0.643 | 0.634 | 0.623 | 0.613 | 0.602 | 0.592 | 0.582 | 0.572 | 0.566 | 0.557 | 0.550 | 0.546 | 0.542 | 0.539 | 0.537 | 0.537 | 0.537 |
|  | 47 | 0.673 | 0.671 | 0.667 | 0.661 | 0.652 | 0.641 | 0.630 | 0.619 | 0.609 | 0.598 | 0.589 | 0.582 | 0.573 | 0.566 | 0.562 | 0.558 | 0.555 | 0.553 | 0.552 | 0.552 |
|  | 48 | 0.686 | 0.683 | 0.679 | 0.674 | 0.664 | 0.653 | 0.642 | 0.631 | 0.620 | 0.610 | 0.600 | 0.593 | 0.584 | 0.577 | 0.572 | 0.568 | 0.565 | 0.563 | 0.563 | 0.563 |
|  | 49 | 0.707 | 0.705 | 0.701 | 0.695 | 0.685 | 0.673 | 0.662 | 0.651 | 0.640 | 0.629 | 0.619 | 0.611 | 0.602 | 0.595 | 0.590 | 0.586 | 0.583 | 0.581 | 0.581 | 0.581 |
|  | 50 | 0.723 | 0.720 | 0.716 | 0.710 | 0.700 | 0.688 | 0.677 | 0.665 | 0.654 | 0.643 | 0.632 | 0.625 | 0.615 | 0.608 | 0.603 | 0.599 | 0.596 | 0.594 | 0.593 | 0.593 |

Table 2C.14. (continued)
I. All Fridays and variable Tuesdays and 2 fish annual limit

|  |  | Starting Sept 19 | Starting Sept 12 | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 5 \\ \hline \end{array}$ | Starting Aug 29 | Starting Aug 22 | Starting <br> Aug 15 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 8 \\ \hline \end{array}$ | Starting Aug 1 | Starting July 25 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 18 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 11 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 4 \\ \hline \end{array}$ | Starting June 27 | Starting June 20 | Starting June 13 | Starting June 6 | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 30 \\ & \hline \end{aligned}$ | Starting May 23 | Starting May 16 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,094 | 50,915 | 50,599 | 50,135 | 49,633 | 48,837 | 48,014 | 47,173 | 46,452 | 45,774 | 44,995 | 44,461 | 43,789 | 43,332 | 43,163 | 42,922 | 42,769 | 42,712 | 42,683 | 42,679 |
|  | 35 | 0.455 | 0.454 | 0.451 | 0.447 | 0.442 | 0.435 | 0.428 | 0.420 | 0.413 | 0.407 | 0.401 | 0.396 | 0.390 | 0.386 | 0.384 | 0.382 | 0.380 | 0.380 | 0.380 | 0.380 |
|  | 36 | 0.483 | 0.481 | 0.478 | 0.473 | 0.469 | 0.461 | 0.453 | 0.445 | 0.438 | 0.432 | 0.425 | 0.420 | 0.413 | 0.409 | 0.407 | 0.405 | 0.403 | 0.403 | 0.403 | 0.403 |
|  | 37 | 0.499 | 0.497 | 0.494 | 0.489 | 0.484 | 0.476 | 0.468 | 0.460 | 0.453 | 0.446 | 0.439 | 0.434 | 0.427 | 0.423 | 0.421 | 0.418 | 0.417 | 0.416 | 0.416 | 0.416 |
|  | 38 | 0.523 | 0.521 | 0.518 | 0.513 | 0.508 | 0.500 | 0.491 | 0.482 | 0.475 | 0.468 | 0.460 | 0.455 | 0.448 | 0.443 | 0.441 | 0.439 | 0.437 | 0.436 | 0.436 | 0.436 |
|  | 39 | 0.541 | 0.539 | 0.536 | 0.531 | 0.525 | 0.517 | 0.508 | 0.499 | 0.491 | 0.484 | 0.476 | 0.470 | 0.463 | 0.458 | 0.456 | 0.454 | 0.452 | 0.451 | 0.451 | 0.451 |
|  | 40 | 0.556 | 0.554 | 0.551 | 0.546 | 0.540 | 0.531 | 0.522 | 0.513 | 0.505 | 0.498 | 0.489 | 0.484 | 0.476 | 0.471 | 0.469 | 0.467 | 0.465 | 0.464 | 0.464 | 0.464 |
|  | 41 | 0.574 | 0.572 | 0.569 | 0.563 | 0.557 | 0.548 | 0.539 | 0.530 | 0.521 | 0.514 | 0.505 | 0.499 | 0.492 | 0.487 | 0.484 | 0.482 | 0.480 | 0.479 | 0.479 | 0.479 |
|  | 42 | 0.587 | 0.585 | 0.581 | 0.576 | 0.569 | 0.560 | 0.551 | 0.541 | 0.533 | 0.525 | 0.516 | 0.510 | 0.502 | 0.497 | 0.495 | 0.492 | 0.490 | 0.489 | 0.489 | 0.489 |
|  | 43 | 0.600 | 0.598 | 0.594 | 0.589 | 0.582 | 0.573 | 0.563 | 0.553 | 0.545 | 0.537 | 0.528 | 0.522 | 0.514 | 0.508 | 0.506 | 0.503 | 0.501 | 0.500 | 0.500 | 0.500 |
|  | 44 | 0.619 | 0.617 | 0.613 | 0.607 | 0.601 | 0.591 | 0.582 | 0.571 | 0.562 | 0.554 | 0.545 | 0.538 | 0.530 | 0.525 | 0.522 | 0.519 | 0.517 | 0.517 | 0.516 | 0.516 |
|  | 45 | 0.640 | 0.638 | 0.634 | 0.628 | 0.621 | 0.611 | 0.601 | 0.590 | 0.581 | 0.573 | 0.563 | 0.557 | 0.548 | 0.543 | 0.540 | 0.537 | 0.535 | 0.534 | 0.534 | 0.534 |
|  | 46 | 0.654 | 0.652 | 0.648 | 0.642 | 0.635 | 0.625 | 0.614 | 0.603 | 0.594 | 0.586 | 0.576 | 0.569 | 0.561 | 0.555 | 0.552 | 0.549 | 0.547 | 0.546 | 0.545 | 0.545 |
|  | 47 | 0.673 | 0.670 | 0.666 | 0.660 | 0.653 | 0.643 | 0.632 | 0.620 | 0.611 | 0.602 | 0.592 | 0.585 | 0.576 | 0.570 | 0.568 | 0.564 | 0.562 | 0.561 | 0.561 | 0.561 |
|  | 48 | 0.686 | 0.683 | 0.679 | 0.673 | 0.665 | 0.655 | 0.644 | 0.632 | 0.623 | 0.614 | 0.603 | 0.596 | 0.587 | 0.581 | 0.579 | 0.575 | 0.573 | 0.572 | 0.572 | 0.571 |
|  | 49 | 0.707 | 0.705 | 0.700 | 0.694 | 0.686 | 0.675 | 0.664 | 0.652 | 0.642 | 0.633 | 0.622 | 0.615 | 0.606 | 0.599 | 0.597 | 0.593 | 0.591 | 0.590 | 0.589 | 0.589 |
|  | 50 | 0.723 | 0.720 | 0.716 | 0.709 | 0.701 | 0.690 | 0.679 | 0.666 | 0.656 | 0.647 | 0.635 | 0.628 | 0.619 | 0.612 | 0.609 | 0.606 | 0.603 | 0.602 | 0.602 | 0.602 |

$\mathbf{m}$. All Saturdays and variable Tuesdays and 2 fish annual limit

|  |  | $\begin{gathered} \hline \text { Starting } \\ \text { Sept } 19 \end{gathered}$ | Starting Sept 12 | Starting Sept 5 | $\begin{array}{r} \text { Starting } \\ \text { Aug } 29 \\ \hline \end{array}$ | Starting Aug 22 | Starting Aug 15 | Starting Aug 8 | Starting Aug 1 | $\begin{array}{r} \text { Starting } \\ \text { July } 25 \end{array}$ | Starting July 18 | Starting July 11 | $\begin{array}{r} \text { Starting } \\ \text { July } 4 \end{array}$ | Starting June 27 | $\begin{aligned} & \text { Starting } \\ & \text { June } 20 \\ & \hline \end{aligned}$ | Starting June 13 | Starting June 6 | $\begin{aligned} & \text { Starting } \\ & \text { May } 30 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { Starting } \\ \text { May } 23 \\ \hline \end{array}$ | Starting May 16 | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,555 | 51,376 | 51,060 | 50,596 | 50,094 | 49,298 | 48,475 | 47,634 | 46,913 | 46,235 | 45,456 | 44,922 | 44,250 | 43,793 | 43,624 | 43,383 | 43,230 | 43,173 | 43,144 | 43,140 |
|  | 35 | 0.460 | 0.458 | 0.455 | 0.451 | 0.446 | 0.439 | 0.432 | 0.424 | 0.418 | 0.412 | 0.405 | 0.400 | 0.394 | 0.390 | 0.388 | 0.386 | 0.385 | 0.384 | 0.384 | 0.384 |
|  | 36 | 0.487 | 0.486 | 0.483 | 0.478 | 0.473 | 0.466 | 0.458 | 0.450 | 0.443 | 0.437 | 0.429 | 0.424 | 0.418 | 0.414 | 0.412 | 0.410 | 0.408 | 0.408 | 0.407 | 0.407 |
|  | 37 | 0.503 | 0.502 | 0.499 | 0.494 | 0.489 | 0.481 | 0.473 | 0.465 | 0.458 | 0.451 | 0.444 | 0.439 | 0.432 | 0.427 | 0.426 | 0.423 | 0.422 | 0.421 | 0.421 | 0.421 |
|  | 38 | 0.528 | 0.526 | 0.523 | 0.518 | 0.513 | 0.505 | 0.496 | 0.488 | 0.480 | 0.473 | 0.465 | 0.460 | 0.453 | 0.448 | 0.446 | 0.444 | 0.442 | 0.442 | 0.441 | 0.441 |
|  | 39 | 0.546 | 0.544 | 0.541 | 0.536 | 0.530 | 0.522 | 0.513 | 0.504 | 0.496 | 0.489 | 0.481 | 0.476 | 0.469 | 0.464 | 0.462 | 0.459 | 0.457 | 0.457 | 0.456 | 0.456 |
|  | 40 | 0.562 | 0.560 | 0.556 | 0.551 | 0.546 | 0.537 | 0.528 | 0.519 | 0.511 | 0.503 | 0.495 | 0.489 | 0.482 | 0.477 | 0.475 | 0.472 | 0.470 | 0.470 | 0.469 | 0.469 |
|  | 41 | 0.580 | 0.578 | 0.574 | 0.569 | 0.563 | 0.554 | 0.545 | 0.535 | 0.527 | 0.520 | 0.511 | 0.505 | 0.498 | 0.492 | 0.490 | 0.487 | 0.486 | 0.485 | 0.485 | 0.485 |
|  | 42 | 0.593 | 0.591 | 0.587 | 0.582 | 0.576 | 0.566 | 0.557 | 0.547 | 0.539 | 0.531 | 0.522 | 0.516 | 0.509 | 0.503 | 0.501 | 0.498 | 0.496 | 0.496 | 0.495 | 0.495 |
|  | 43 | 0.606 | 0.604 | 0.601 | 0.595 | 0.589 | 0.579 | 0.570 | 0.560 | 0.551 | 0.543 | 0.534 | 0.528 | 0.520 | 0.515 | 0.512 | 0.509 | 0.507 | 0.507 | 0.506 | 0.506 |
|  | 44 | 0.626 | 0.624 | 0.620 | 0.614 | 0.608 | 0.598 | 0.588 | 0.578 | 0.569 | 0.561 | 0.551 | 0.545 | 0.537 | 0.531 | 0.529 | 0.526 | 0.524 | 0.523 | 0.523 | 0.523 |
|  | 45 | 0.647 | 0.645 | 0.641 | 0.635 | 0.628 | 0.618 | 0.608 | 0.597 | 0.588 | 0.580 | 0.570 | 0.563 | 0.555 | 0.549 | 0.547 | 0.544 | 0.542 | 0.541 | 0.540 | 0.540 |
|  | 46 | 0.661 | 0.659 | 0.655 | 0.649 | 0.642 | 0.632 | 0.621 | 0.610 | 0.601 | 0.593 | 0.583 | 0.576 | 0.568 | 0.562 | 0.559 | 0.556 | 0.553 | 0.553 | 0.552 | 0.552 |
|  | 47 | 0.680 | 0.678 | 0.674 | 0.667 | 0.660 | 0.650 | 0.639 | 0.628 | 0.618 | 0.609 | 0.599 | 0.592 | 0.584 | 0.577 | 0.575 | 0.571 | 0.569 | 0.568 | 0.568 | 0.568 |
|  | 48 | 0.693 | 0.691 | 0.687 | 0.680 | 0.673 | 0.662 | 0.651 | 0.640 | 0.630 | 0.621 | 0.611 | 0.604 | 0.595 | 0.589 | 0.586 | 0.582 | 0.580 | 0.579 | 0.579 | 0.579 |
|  | 49 | 0.715 | 0.713 | 0.708 | 0.702 | 0.694 | 0.683 | 0.672 | 0.660 | 0.650 | 0.641 | 0.630 | 0.623 | 0.614 | 0.607 | 0.604 | 0.601 | 0.598 | 0.598 | 0.597 | 0.597 |
|  | 50 | 0.731 | 0.728 | 0.724 | 0.717 | 0.709 | 0.698 | 0.687 | 0.674 | 0.664 | 0.655 | 0.644 | 0.636 | 0.627 | 0.620 | 0.617 | 0.614 | 0.611 | 0.610 | 0.610 | 0.610 |

Table 2C.14. (continued)
n. All Saturdays and variable Wednesdays and 2 fish annual limit

|  |  | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 20 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { Sept } 13 \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Sept } 6 \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 30 \end{array}$ | Starting Aug 23 | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 16 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { Aug } 9 \end{array}$ | Starting Aug 2 | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 26 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 19 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { Starting } \\ \text { July } 12 \end{array}$ | $\begin{array}{r} \text { Starting } \\ \text { July } 5 \end{array}$ | Starting June 28 | Starting June 21 | Starting June 14 | $\begin{array}{r} \hline \text { Starting } \\ \text { June } 7 \end{array}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 31 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 24 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Starting } \\ & \text { May } 17 \\ & \hline \end{aligned}$ | All Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest | 51,558 | 51,417 | 51,142 | 50,674 | 50,193 | 49,447 | 48,744 | 47,921 | 47,343 | 46,635 | 45,863 | 45,291 | 44,641 | 44,080 | 43,739 | 43,463 | 43,265 | 43,138 | 43,124 | 43,110 |
|  | 35 | 0.460 | 0.458 | 0.456 | 0.452 | 0.447 | 0.441 | 0.434 | 0.427 | 0.422 | 0.415 | 0.408 | 0.403 | 0.398 | 0.392 | 0.389 | 0.387 | 0.385 | 0.384 | 0.384 | 0.383 |
|  | 36 | 0.487 | 0.486 | 0.483 | 0.479 | 0.474 | 0.467 | 0.460 | 0.453 | 0.447 | 0.440 | 0.433 | 0.428 | 0.422 | 0.416 | 0.413 | 0.410 | 0.408 | 0.407 | 0.407 | 0.407 |
|  | 37 | 0.503 | 0.502 | 0.499 | 0.495 | 0.490 | 0.483 | 0.476 | 0.468 | 0.462 | 0.455 | 0.447 | 0.442 | 0.436 | 0.430 | 0.426 | 0.424 | 0.422 | 0.420 | 0.420 | 0.420 |
|  | 38 | 0.528 | 0.526 | 0.524 | 0.519 | 0.514 | 0.506 | 0.499 | 0.490 | 0.484 | 0.477 | 0.469 | 0.464 | 0.457 | 0.451 | 0.447 | 0.444 | 0.442 | 0.441 | 0.441 | 0.440 |
|  | 39 | 0.546 | 0.544 | 0.542 | 0.537 | 0.531 | 0.524 | 0.516 | 0.507 | 0.501 | 0.494 | 0.485 | 0.479 | 0.472 | 0.466 | 0.463 | 0.460 | 0.457 | 0.456 | 0.456 | 0.456 |
|  | 40 | 0.562 | 0.560 | 0.557 | 0.552 | 0.547 | 0.538 | 0.531 | 0.522 | 0.515 | 0.508 | 0.499 | 0.493 | 0.486 | 0.480 | 0.476 | 0.473 | 0.470 | 0.469 | 0.469 | 0.469 |
|  | 41 | 0.580 | 0.578 | 0.575 | 0.570 | 0.564 | 0.556 | 0.548 | 0.539 | 0.532 | 0.524 | 0.515 | 0.509 | 0.502 | 0.495 | 0.491 | 0.488 | 0.486 | 0.484 | 0.484 | 0.484 |
|  | 42 | 0.593 | 0.591 | 0.588 | 0.582 | 0.577 | 0.568 | 0.560 | 0.550 | 0.544 | 0.535 | 0.527 | 0.520 | 0.513 | 0.506 | 0.502 | 0.498 | 0.496 | 0.494 | 0.494 | 0.494 |
|  | 43 | 0.606 | 0.604 | 0.601 | 0.596 | 0.590 | 0.581 | 0.573 | 0.563 | 0.556 | 0.548 | 0.539 | 0.532 | 0.524 | 0.518 | 0.513 | 0.510 | 0.507 | 0.506 | 0.505 | 0.505 |
|  | 44 | 0.626 | 0.624 | 0.621 | 0.615 | 0.609 | 0.600 | 0.591 | 0.581 | 0.574 | 0.565 | 0.556 | 0.549 | 0.541 | 0.534 | 0.530 | 0.526 | 0.524 | 0.522 | 0.522 | 0.522 |
|  | 45 | 0.647 | 0.645 | 0.641 | 0.636 | 0.629 | 0.620 | 0.611 | 0.601 | 0.593 | 0.584 | 0.575 | 0.568 | 0.560 | 0.552 | 0.548 | 0.544 | 0.541 | 0.540 | 0.539 | 0.539 |
|  | 46 | 0.661 | 0.659 | 0.656 | 0.650 | 0.643 | 0.634 | 0.625 | 0.614 | 0.606 | 0.597 | 0.587 | 0.580 | 0.572 | 0.565 | 0.560 | 0.556 | 0.553 | 0.551 | 0.551 | 0.551 |
|  | 47 | 0.680 | 0.678 | 0.674 | 0.668 | 0.661 | 0.652 | 0.642 | 0.631 | 0.624 | 0.614 | 0.604 | 0.597 | 0.588 | 0.581 | 0.576 | 0.572 | 0.569 | 0.567 | 0.567 | 0.567 |
|  | 48 | 0.693 | 0.691 | 0.687 | 0.681 | 0.674 | 0.664 | 0.655 | 0.643 | 0.635 | 0.626 | 0.616 | 0.608 | 0.600 | 0.592 | 0.587 | 0.583 | 0.580 | 0.578 | 0.578 | 0.578 |
|  | 49 | 0.715 | 0.713 | 0.709 | 0.702 | 0.695 | 0.685 | 0.675 | 0.664 | 0.655 | 0.646 | 0.635 | 0.627 | 0.618 | 0.610 | 0.605 | 0.601 | 0.598 | 0.596 | 0.596 | 0.596 |
|  | 50 | 0.731 | 0.728 | 0.724 | 0.718 | 0.711 | 0.700 | 0.690 | 0.678 | 0.670 | 0.660 | 0.649 | 0.641 | 0.632 | 0.623 | 0.618 | 0.614 | 0.611 | 0.609 | 0.609 | 0.608 |

## Analysis of Management Options for the Area 3A Charter Halibut Fisheries for 2023

Table 3A.1: Estimated average net weight (headed and gutted) of Pacific halibut by length for Area 3A. Estimates are based on the current International Pacific Halibut Commission length-weight relationships ${ }^{5}$.

| Length (in) | Net Weight (lb) | Length (in) | Net Weight (lb) | Length (in) | Net Weight (lb) | Length (in) | Net Weight (lb) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22.5 | 3.4 | 40.0 | 20.6 | 57.5 | 64.2 | 75.0 | 147.7 |
| 23.0 | 3.6 | 40.5 | 21.4 | 58.0 | 66.0 | 75.5 | 150.8 |
| 23.5 | 3.9 | 41.0 | 22.3 | 58.5 | 67.8 | 76.0 | 153.9 |
| 24.0 | 4.2 | 41.5 | 23.1 | 59.0 | 69.6 | 76.5 | 157.1 |
| 24.5 | 4.4 | 42.0 | 24.0 | 59.5 | 71.5 | 77.0 | 160.4 |
| 25.0 | 4.7 | 42.5 | 24.9 | 60.0 | 73.4 | 77.5 | 163.6 |
| 25.5 | 5.0 | 43.0 | 25.8 | 60.5 | 75.3 | 78.0 | 167.0 |
| 26.0 | 5.3 | 43.5 | 26.8 | 61.0 | 77.3 | 78.5 | 170.3 |
| 26.5 | 5.7 | 44.0 | 27.8 | 61.5 | 79.3 | 79.0 | 173.8 |
| 27.0 | 6.0 | 44.5 | 28.8 | 62.0 | 81.3 | 79.5 | 177.2 |
| 27.5 | 6.4 | 45.0 | 29.8 | 62.5 | 83.4 | 80.0 | 180.8 |
| 28.0 | 6.7 | 45.5 | 30.9 | 63.0 | 85.5 | 80.5 | 184.3 |
| 28.5 | 7.1 | 46.0 | 31.9 | 63.5 | 87.7 | 81.0 | 187.9 |
| 29.0 | 7.5 | 46.5 | 33.0 | 64.0 | 89.8 | 81.5 | 191.6 |
| 29.5 | 7.9 | 47.0 | 34.2 | 64.5 | 92.1 | 82.0 | 195.3 |
| 30.0 | 8.4 | 47.5 | 35.3 | 65.0 | 94.3 | 82.5 | 199.0 |
| 30.5 | 8.8 | 48.0 | 36.5 | 65.5 | 96.6 | 83.0 | 202.9 |
| 31.0 | 9.3 | 48.5 | 37.7 | 66.0 | 98.9 | 83.5 | 206.7 |
| 31.5 | 9.7 | 49.0 | 38.9 | 66.5 | 101.3 | 84.0 | 210.6 |
| 32.0 | 10.2 | 49.5 | 40.2 | 67.0 | 103.7 | 84.5 | 214.6 |
| 32.5 | 10.8 | 50.0 | 41.5 | 67.5 | 106.2 | 85.0 | 218.6 |
| 33.0 | 11.3 | 50.5 | 42.8 | 68.0 | 108.6 | 85.5 | 222.6 |
| 33.5 | 11.8 | 51.0 | 44.1 | 68.5 | 111.2 | 86.0 | 226.7 |
| 34.0 | 12.4 | 51.5 | 45.5 | 69.0 | 113.7 | 86.5 | 230.9 |
| 34.5 | 13.0 | 52.0 | 46.9 | 69.5 | 116.3 | 87.0 | 235.1 |
| 35.0 | 13.6 | 52.5 | 48.3 | 70.0 | 119.0 | 87.5 | 239.3 |
| 35.5 | 14.2 | 53.0 | 49.8 | 70.5 | 121.6 | 88.0 | 243.7 |
| 36.0 | 14.8 | 53.5 | 51.2 | 71.0 | 124.4 | 88.5 | 248.0 |
| 36.5 | 15.5 | 54.0 | 52.8 | 71.5 | 127.1 | 89.0 | 252.4 |
| 37.0 | 16.1 | 54.5 | 54.3 | 72.0 | 129.9 | 89.5 | 256.9 |
| 37.5 | 16.8 | 55.0 | 55.9 | 72.5 | 132.8 | 90.0 | 261.4 |
| 38.0 | 17.5 | 55.5 | 57.5 | 73.0 | 135.7 | 90.5 | 266.0 |
| 38.5 | 18.3 | 56.0 | 59.1 | 73.5 | 138.6 | 91.0 | 270.6 |
| 39.0 | 19.0 | 56.5 | 60.8 | 74.0 | 141.6 | 91.5 | 275.3 |
| 39.5 | 19.8 | 57.0 | 62.5 | 74.5 | 144.6 | 92.0 | 280.1 |

[^4]Table 3A.2: Subareas of IPHC Areas 2C and 3A, ports where ADF\&G halibut sampling occurs, and Subarea abbreviations used in tables and figures in this report.

| IPHC |  | Ports with Sampling and <br> Angler Interviews |  |
| :---: | :--- | :--- | :--- |
| 3A | Subarea | Glacier Bay (3A portion) | Gustavus, Elfin Cove |
|  | Yakutat | Yakutat | GlacB, GlacB-3A, G3A |
|  | Eastern Prince William Sound | Valdez | Yak, H |
|  | Western Prince William Sound | Whittier | EPWS |
|  | North Gulf | Seward | WPWS |
|  | Lower Cook Inlet | Homer | NGulf, NGC |
|  | Central Cook Inlet | Anchor Point, Deep Creek | LCI |
|  | Kodiak | Kodiak | Kod, QR |

Table 3A.3. Forecasts of effort (angler-days), halibut harvest per unit effort (HPUE), and harvest (numbers of halibut) for Area 3A in 2023 under status quo regulations, with associated standard errors. Status quo regulations include a two-fish bag limit with a maximum size limit of 28 inches on one of the fish, no retention of halibut on Wednesdays and on two Tuesdays, CHP trip limits, and vessel trip limits.

|  | Effort <br> Subarea <br> (angler-days) | Std Error |  | HPUE |  | Std Error |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | ---: |

Table 3A.4. Area 3A projected harvest, change in harvest, and specified dates with status quo management measures combined with Tuesday closures.

| Number of <br> Closed Tuesdays | Beginning and <br> Ending Dates | Percentage change in <br> harvest relative to status <br> quo | Projected Harvest <br> (no. Fish) |
| :---: | :---: | :---: | :---: |
| 0 | NA | $+2.6 \%$ | 173,458 |
| 1 | Jul 25 | $+1.3 \%$ | 171,206 |
| 2 | Jul 25 - Aug 01 | $0.0 \%$ | 169,046 |
| 3 | Jul 18 - Aug 01 | $-1.5 \%$ | 166,526 |
| 4 | Jul 11 - Aug 01 | $-2.8 \%$ | 164,238 |
| 5 | Jul 11 - Aug 08 | $-3.2 \%$ | 163,616 |
| 6 | Jul 04 - Aug 08 | $-4.3 \%$ | 161,806 |
| 7 | Jun 27 - Aug 08 | $-5.4 \%$ | 159,937 |
| 8 | Jun 27 - Aug 15 | $-6.3 \%$ | 158,355 |
| 9 | Jun 20 - Aug 15 | $-7.6 \%$ | 156,257 |
| 10 | Jun 13 - Aug 15 | $-8.6 \%$ | 154,467 |
| 11 | Jun 13 - Aug 22 | $-9.6 \%$ | 152,741 |
| 12 | Jun 03 - Aug 22 | $-10.5 \%$ | 151,294 |
| 13 | May 30 - Aug 22 | $-11.0 \%$ | 150,404 |
| 48 (all season) | Feb 01 - Dec 31 | $-13.5 \%$ | 146,266 |

Table 3A.5. Area 3A projected harvest (upper table) and removals (lower table) for 2023 under a range of maximum size limits on one fish in the bag limit and Tuesday closures. Projected removals assume the following status quo measures: two fish bag limit - one of any size, limit of one trip per vessel and one trip per permit per day, Wednesday closure all year. All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality. Shaded cells represent projections that do not exceed the 2022 allocation of 2.11 Mlb .

|  | Number of Tuesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| Harvest | 173,458 | 171,206 | 169,046 | 166,526 | 164,238 | 163,616 | 161,806 | 159,937 | 158,355 | 156,257 | 154,467 | 152,741 | 151,294 | 150,404 | 146,266 |

Projected Charter Removals (MIb)

| Number of Closed Tuesdays |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| limit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| 26 | 1.997 | 1.971 | 1.947 | 1.918 | 1.891 | 1.883 | 1.863 | 1.841 | 1.825 | 1.801 | 1.780 | 1.761 | 1.744 | 1.734 | 1.685 |
| 27 | 2.027 | 2.001 | 1.976 | 1.947 | 1.919 | 1.912 | 1.891 | 1.869 | 1.853 | 1.828 | 1.807 | 1.787 | 1.771 | 1.760 | 1.710 |
| 28 | 2.075 | 2.048 | 2.023 | 1.993 | 1.965 | 1.957 | 1.936 | 1.914 | 1.897 | 1.871 | 1.850 | 1.830 | 1.812 | 1.802 | 1.751 |
| 29 | 2.105 | 2.078 | 2.053 | 2.022 | 1.994 | 1.986 | 1.964 | 1.942 | 1.924 | 1.899 | 1.877 | 1.857 | 1.839 | 1.828 | 1.777 |
| 30 | 2.150 | 2.122 | 2.096 | 2.065 | 2.036 | 2.028 | 2.006 | 1.983 | 1.965 | 1.939 | 1.917 | 1.896 | 1.878 | 1.867 | 1.814 |
| 31 | 2.180 | 2.152 | 2.125 | 2.094 | 2.064 | 2.056 | 2.034 | 2.011 | 1.992 | 1.966 | 1.943 | 1.922 | 1.904 | 1.893 | 1.839 |
| 32 | 2.219 | 2.190 | 2.163 | 2.131 | 2.101 | 2.093 | 2.070 | 2.046 | 2.028 | 2.001 | 1.977 | 1.956 | 1.938 | 1.926 | 1.872 |

Table 3A.6. Area 3A projected harvest, change in harvest, and specified dates with status quo management measures with all Tuesdays closed combined with Monday and Thursday closures and Wednesdays closed all season.
a. Monday closures

| Number of <br> Closed Mondays | Beginning and Ending Dates | Percentage change <br> in harvest relative <br> to status quo | Projected Harvest <br> (no. Fish) |
| :---: | ---: | :---: | :---: |
| 0 | No Closed Days | $-13.5 \%$ | 146,266 |
| 1 | 26-Jul | $-15.1 \%$ | 143,578 |
| 2 | Jul 26 - Aug 02 | $-16.6 \%$ | 141,013 |
| 3 | Jul 19-Aug 02 | $-18.0 \%$ | 138,676 |
| 4 | Jul 12 - Aug 02 | $-18.9 \%$ | 137,093 |
| 5 | Jul 12 - Aug 09 | $-19.6 \%$ | 135,832 |
| 6 | Jul 05 - Aug 09 | $-21.0 \%$ | 133,618 |
| 7 | Jun 28 - Aug 09 | $-22.2 \%$ | 131,453 |
| 8 | Jun 28 - Aug 16 | $-23.2 \%$ | 129,752 |
| 9 | Jun 21-Aug 16 | $-24.4 \%$ | 127,825 |
| 10 | Jun 14 - Aug 16 | $-25.4 \%$ | 126,102 |
| 11 | Jun 14 - Aug 23 | $-26.1 \%$ | 124,920 |
| 12 | Jun 07 - Aug 23 | $-26.6 \%$ | 124,007 |
| 13 | June 07 - Aug 30 | $-27.5 \%$ | 122,547 |
| 48 (all season) | Feb 01 - Dec 31 | $-30.0 \%$ | 118,255 |

b. Thursday closures

| Number of Closed Thursdays | Beginning and Ending Dates | Percentage change in harvest relative to status quo | Projected Harvest (no. Fish) |
| :---: | :---: | :---: | :---: |
| 0 | No Closed Days | -13.5\% | 146,266 |
| 1 | 29-Jul | -14.8\% | 144,030 |
| 2 | Jul 29 - Aug 05 | -16.4\% | 141,316 |
| 3 | Jul 22 - Aug 05 | -17.3\% | 139,748 |
| 4 | Jul 15 - Aug 05 | -19.0\% | 136,989 |
| 5 | Jul 15 - Aug 09 | -19.9\% | 135,429 |
| 6 | Jul 08 - Aug 12 | -21.3\% | 133,057 |
| 7 | Jul 01 - Aug 12 | -22.4\% | 131,157 |
| 8 | Jul 01 - Aug 19 | -23.7\% | 128,963 |
| 9 | Jun 24 - Aug 19 | -24.4\% | 127,867 |
| 10 | Jun 17 - Aug 19 | -25.6\% | 125,845 |
| 11 | Jun 17 - Aug 26 | -26.6\% | 124,117 |
| 12 | Jun 10 - Aug 26 | -27.5\% | 122,574 |
| 13 | June 03 - Aug 26 | -28.3\% | 121,224 |
| 48 (all season) | Feb 01 - Dec 31 | -29.8\% | 118,662 |

Table 3A.7. Area 3A projected harvest (upper table) and removals (lower table) for 2023 under a range of maximum size limits on one fish in the bag limit and with Tuesdays closed all year and Monday closures. Projected removals assume the following status quo measures: two fish bag limit - one of any size, limit of one trip per vessel and one trip per permit per day, Wednesday closure all year. All projections were below the 2022 allocation of 2.11 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

## Projected Harvest (number of fish)

| Number of Monday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| Harvest | 146,266 | 143,578 | 141,013 | 138,676 | 137,093 | 135,832 | 133,618 | 131,453 | 129,752 | 127,825 | 126,102 | 124,920 | 124,007 | 122,547 | 118,255 |

Projected Charter Removals (MIb)

| Size | Number of Monday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| limit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| 26 | 1.685 | 1.654 | 1.626 | 1.601 | 1.582 | 1.567 | 1.542 | 1.517 | 1.498 | 1.477 | 1.457 | 1.443 | 1.432 | 1.416 | 1.364 |
| 27 | 1.710 | 1.679 | 1.651 | 1.625 | 1.606 | 1.591 | 1.566 | 1.540 | 1.520 | 1.499 | 1.479 | 1.464 | 1.454 | 1.437 | 1.385 |
| 28 | 1.751 | 1.719 | 1.690 | 1.663 | 1.644 | 1.628 | 1.602 | 1.576 | 1.556 | 1.534 | 1.514 | 1.499 | 1.488 | 1.471 | 1.417 |
| 29 | 1.777 | 1.744 | 1.715 | 1.687 | 1.668 | 1.652 | 1.626 | 1.599 | 1.579 | 1.557 | 1.536 | 1.521 | 1.510 | 1.492 | 1.438 |
| 30 | 1.814 | 1.781 | 1.751 | 1.723 | 1.703 | 1.687 | 1.660 | 1.633 | 1.612 | 1.589 | 1.568 | 1.553 | 1.542 | 1.524 | 1.468 |
| 31 | 1.839 | 1.806 | 1.775 | 1.747 | 1.726 | 1.710 | 1.683 | 1.655 | 1.634 | 1.611 | 1.590 | 1.574 | 1.563 | 1.545 | 1.489 |
| 32 | 1.872 | 1.838 | 1.807 | 1.778 | 1.757 | 1.740 | 1.713 | 1.685 | 1.663 | 1.640 | 1.618 | 1.602 | 1.590 | 1.572 | 1.515 |

Table 3A.8. Area 3A projected harvest (upper table) and removals (lower table) for 2023 under a range of maximum size limits on one fish in the bag limit and with Tuesdays closed all year and Thursday closures. Projected removals assume the following status quo measures: two fish bag limit - one of any size, limit of one trip per vessel and one trip per permit per day, Wednesday closure all year. All projections were below the 2022 allocation of 2.11 Mlb . All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality.

## Projected Harvest (number of fish)

| Number of Thursday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| Harvest | 146,266 | 144,030 | 141,316 | 139,748 | 136,989 | 135,429 | 133,057 | 131,157 | 128,963 | 127,867 | 125,845 | 124,117 | 122,574 | 121,224 | 118,662 |

Projected Charter Removals (MIb)

| Size | Number of Thursday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| limit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| 26 | 1.685 | 1.661 | 1.630 | 1.612 | 1.580 | 1.562 | 1.534 | 1.514 | 1.489 | 1.476 | 1.453 | 1.434 | 1.416 | 1.400 | 1.368 |
| 27 | 1.710 | 1.686 | 1.655 | 1.636 | 1.604 | 1.585 | 1.558 | 1.536 | 1.511 | 1.498 | 1.475 | 1.455 | 1.437 | 1.422 | 1.388 |
| 28 | 1.751 | 1.726 | 1.694 | 1.675 | 1.641 | 1.623 | 1.595 | 1.573 | 1.547 | 1.534 | 1.510 | 1.489 | 1.471 | 1.455 | 1.421 |
| 29 | 1.777 | 1.751 | 1.719 | 1.699 | 1.665 | 1.646 | 1.618 | 1.596 | 1.569 | 1.556 | 1.532 | 1.511 | 1.493 | 1.476 | 1.442 |
| 30 | 1.814 | 1.788 | 1.756 | 1.736 | 1.701 | 1.681 | 1.652 | 1.629 | 1.603 | 1.589 | 1.564 | 1.543 | 1.524 | 1.507 | 1.472 |
| 31 | 1.839 | 1.813 | 1.780 | 1.760 | 1.724 | 1.704 | 1.675 | 1.652 | 1.625 | 1.611 | 1.585 | 1.564 | 1.545 | 1.528 | 1.493 |
| 32 | 1.872 | 1.845 | 1.811 | 1.791 | 1.755 | 1.735 | 1.705 | 1.681 | 1.653 | 1.639 | 1.613 | 1.592 | 1.572 | 1.555 | 1.519 |

Table 3A.9. Estimated effects of annual limits of two to four halibut on Area 3A anglers and projected harvest for 2023 under a maximum size limit on one of two fish in the bag limit, vessel trip limit, permit trip limit, and a Wednesday closure. The percent of affected anglers is the portion of individual anglers that harvested more than each specified annual limit in 2022.

| Annual Limit | Subarea |  |  |  |  |  |  |  | Area 3A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CCl | EPWS | GlacBay | Yak | LCI | NGulf | Kod | WPWS |  |
|  | Estimated percent of anglers affected by an annual limit: |  |  |  |  |  |  |  |  |
| 2 | 13.8\% | 8.3\% | 16.2\% | 21.6\% | 14.6\% | 9.1\% | 43.3\% | 3.2\% | 14.4\% |
| 3 | 11.9\% | 4.5\% | 3.7\% | 10.7\% | 11.6\% | 5.9\% | 31.0\% | 1.5\% | 10.6\% |
| 4 | 2.7\% | 1.7\% | 0.2\% | 4.6\% | 2.6\% | 1.6\% | 16.4\% | 0.3\% | 3.2\% |
|  | Estimated percent change in harvest relative to no annual limit: |  |  |  |  |  |  |  |  |
| 2 | -15.4\% | -8.7\% | -12.7\% | -21.1\% | -14.4\% | -9.8\% | -38.4\% | -3.7\% | -15.2\% |
| 3 | -9.2\% | -4.2\% | -2.4\% | -9.9\% | -7.8\% | -5.0\% | -23.4\% | -1.4\% | -8.4\% |
| 4 | -3.8\% | -1.7\% | -0.1\% | -4.4\% | -2.5\% | -1.9\% | -12.7\% | -0.4\% | -3.4\% |
|  | Projected harvest (number of halibut): |  |  |  |  |  |  |  |  |
| 2 | 23,983 | 5,917 | 684 | 3,145 | 66,292 | 33,914 | 8,659 | 4,553 | 147,148 |
| 3 | 25,734 | 6,210 | 764 | 3,591 | 71,459 | 35,726 | 10,775 | 4,662 | 158,921 |
| 4 | 27,248 | 6,369 | 782 | 3,811 | 75,544 | 36,893 | 12,286 | 4,712 | 167,646 |
| No Annual Limit | 28,336 | 6,480 | 783 | 3,988 | 77,485 | 37,591 | 14,066 | 4,729 | 173,458 |

Table 3A.10. Area 3A projected harvest (upper table) and removals (lower table) for 2023 under a range of maximum size limits on one fish in the bag limit and for annual limits ranging from two to four fish per year. Projected removals assume the following status quo measures: two fish bag limit, limit of one trip per vessel and one trip per permit per day, and a Wednesday closure all year. All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality. Shaded cells represent projections that do not exceed the 2022 allocation of 2.11 Mlb .

Projected Harvest (number of fish)

|  | Annual Limit (number of halibut) |  |  |
| :---: | :---: | :---: | :---: |
| Year | 2 | 3 | 4 |
| 2023 | 147,149 | 158,921 | 167,646 |

Projected Charter Removals (MIb)

|  | Annual Limit (number of halibut) |  |  |
| :---: | :---: | :---: | :---: |
| Size Limit |  |  | 4 |
| (in) | 2 | 3 | 1.928 |
| 26 | 1.692 | 1.831 | 1.958 |
| 27 | 1.717 | 1.902 | 2.004 |
| 28 | 1.758 | 1.930 | 2.034 |
| 29 | 1.784 | 1.972 | 2.077 |
| 30 | 1.823 | 1.999 | 2.106 |
| 31 | 1.848 | 2.034 | 2.143 |

Table 3A.11. Area 3A projected harvest and removals for 2023 under annual limits with a range of maximum size limits on one fish in the bag limit and Tuesday closures. Projected removals assume the following status quo measures: two fish bag limit - one of any size, limit of one trip per vessel and one trip per permit per day, Wednesday closure all year. All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality. Shaded cells represent projections that do not exceed the 2022 allocation of 2.11 Mlb .

## a. Four-fish annual limit

|  |  | Number of Tuesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 0 | 1 | 2 (Status Quo) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
|  | Harvest | 167,646 | 165,466 | 163,376 | 160,935 | 158,719 | 158,126 | 156,370 | 154,559 | 153,036 | 150,997 | 149,259 | 147,589 | 146,180 | 145,317 | 141,323 |
|  | 26 | 1.928 | 1.904 | 1.880 | 1.852 | 1.826 | 1.819 | 1.799 | 1.778 | 1.763 | 1.739 | 1.719 | 1.700 | 1.684 | 1.674 | 1.627 |
|  | 27 | 1.958 | 1.932 | 1.909 | 1.880 | 1.854 | 1.847 | 1.826 | 1.805 | 1.789 | 1.765 | 1.745 | 1.726 | 1.710 | 1.700 | 1.652 |
|  | 28 | 2.004 | 1.978 | 1.954 | 1.925 | 1.898 | 1.891 | 1.870 | 1.848 | 1.832 | 1.807 | 1.786 | 1.767 | 1.750 | 1.740 | 1.691 |
|  | 29 | 2.034 | 2.008 | 1.983 | 1.953 | 1.926 | 1.918 | 1.897 | 1.876 | 1.859 | 1.834 | 1.812 | 1.793 | 1.776 | 1.766 | 1.716 |
|  | 30 | 2.077 | 2.050 | 2.025 | 1.995 | 1.967 | 1.959 | 1.938 | 1.916 | 1.898 | 1.873 | 1.851 | 1.831 | 1.814 | 1.803 | 1.752 |
|  | 31 | 2.106 | 2.079 | 2.053 | 2.023 | 1.994 | 1.986 | 1.965 | 1.942 | 1.925 | 1.899 | 1.877 | 1.856 | 1.839 | 1.828 | 1.777 |
|  | 32 | 2.143 | 2.116 | 2.090 | 2.058 | 2.029 | 2.022 | 1.999 | 1.976 | 1.959 | 1.933 | 1.910 | 1.889 | 1.871 | 1.860 | 1.808 |

## b. Three-fish annual limit

|  |  | Number of Tuesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 0 | 1 | 2 (Status Quo) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
|  | Harvest | 158,921 | 156,851 | 154,867 | 152,547 | 150,444 | 149,886 | 148,218 | 146,497 | 145,062 | 143,123 | 141,469 | 139,885 | 138,542 | 137,721 | 133,942 |
|  | 26 | 1.831 | 1.807 | 1.785 | 1.758 | 1.733 | 1.727 | 1.707 | 1.688 | 1.673 | 1.651 | 1.631 | 1.614 | 1.598 | 1.589 | 1.544 |
|  | 27 | 1.858 | 1.834 | 1.812 | 1.784 | 1.759 | 1.753 | 1.733 | 1.713 | 1.698 | 1.675 | 1.656 | 1.638 | 1.622 | 1.613 | 1.567 |
|  | 28 | 1.902 | 1.878 | 1.855 | 1.827 | 1.801 | 1.794 | 1.775 | 1.754 | 1.739 | 1.715 | 1.695 | 1.677 | 1.661 | 1.651 | 1.605 |
|  | 29 | 1.930 | 1.905 | 1.882 | 1.854 | 1.828 | 1.821 | 1.801 | 1.780 | 1.764 | 1.740 | 1.720 | 1.702 | 1.685 | 1.675 | 1.628 |
|  | 30 | 1.972 | 1.946 | 1.922 | 1.893 | 1.867 | 1.860 | 1.839 | 1.818 | 1.802 | 1.778 | 1.757 | 1.738 | 1.721 | 1.711 | 1.663 |
|  | 31 | 1.999 | 1.973 | 1.949 | 1.919 | 1.892 | 1.885 | 1.864 | 1.843 | 1.827 | 1.802 | 1.781 | 1.762 | 1.745 | 1.735 | 1.686 |
|  | 32 | 2.034 | 2.008 | 1.983 | 1.953 | 1.926 | 1.919 | 1.897 | 1.876 | 1.859 | 1.834 | 1.812 | 1.793 | 1.776 | 1.765 | 1.716 |

Table 3A.11. (continued)
c. Two-fish annual limit

|  |  | Number of Tuesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 0 | 1 | 2 (Status Quo) | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| $\begin{aligned} & \stackrel{\cong}{ \pm} \\ & \stackrel{N}{\bar{y}} \\ & \stackrel{N}{N} \end{aligned}$ | Harvest | 147,149 | 145,226 | 143,387 | 141,231 | 139,279 | 138,769 | 137,223 | 135,622 | 134,300 | 132,495 | 130,955 | 129,487 | 128,233 | 127,469 | 123,981 |
|  | 26 | 1.692 | 1.670 | 1.649 | 1.624 | 1.601 | 1.595 | 1.578 | 1.560 | 1.546 | 1.525 | 1.507 | 1.491 | 1.476 | 1.468 | 1.427 |
|  | 27 | 1.717 | 1.695 | 1.674 | 1.649 | 1.626 | 1.619 | 1.602 | 1.583 | 1.569 | 1.548 | 1.530 | 1.513 | 1.499 | 1.490 | 1.448 |
|  | 28 | 1.758 | 1.736 | 1.714 | 1.688 | 1.664 | 1.658 | 1.640 | 1.621 | 1.607 | 1.585 | 1.566 | 1.549 | 1.534 | 1.526 | 1.483 |
|  | 29 | 1.784 | 1.761 | 1.739 | 1.713 | 1.689 | 1.683 | 1.664 | 1.645 | 1.630 | 1.608 | 1.589 | 1.572 | 1.557 | 1.548 | 1.504 |
|  | 30 | 1.823 | 1.799 | 1.777 | 1.750 | 1.725 | 1.719 | 1.700 | 1.680 | 1.665 | 1.643 | 1.623 | 1.606 | 1.590 | 1.581 | 1.537 |
|  | 31 | 1.848 | 1.824 | 1.801 | 1.774 | 1.749 | 1.743 | 1.723 | 1.704 | 1.688 | 1.666 | 1.646 | 1.628 | 1.612 | 1.603 | 1.558 |
|  | 32 | 1.881 | 1.856 | 1.833 | 1.806 | 1.780 | 1.774 | 1.754 | 1.734 | 1.718 | 1.695 | 1.675 | 1.657 | 1.641 | 1.631 | 1.586 |

Table 3A.12. Area 3A projected harvest and specified dates with Wednesday closures.
a. Wednesday closures

| Number of <br> Closed <br> Wednesdays | Beginning and Ending Dates | Projected Harvest <br> (no. Fish) |
| :---: | ---: | :---: |
| 0 | No Closed Days | 204,594 |
| 1 | Aug 02 | 201,656 |
| 2 | Aug 02 - Aug 09 | 200,450 |
| 3 | Jul 26 - Aug 09 | 199,234 |
| 4 | Jul 19 - Aug 09 | 198,017 |
| 5 | Jul 19 - Aug 16 | 196,418 |
| 6 | Jul 12 - Aug 16 | 194,283 |
| 7 | Jul 05 - Aug 16 | 192,353 |
| 8 | Jul 05 - Aug 23 | 189,972 |
| 9 | Jun 28 - Aug 23 | 187,252 |
| 10 | Jun 21 - Aug 23 | 185,605 |
| 11 | Jun 21 - Aug 30 | 182,607 |
| 12 | Jun 14 - Aug 30 | 179,547 |
| 13 | June 07 - Aug 30 | 176,747 |
| 48 (all season) | Feb 01 - Dec 31 | 173,458 |

Table 3A.13. Area 3A projected harvest (upper table) and removals (lower table) for 2023 under a range of maximum size limits on one fish in the bag limit and variable Wednesday closures. Projected removals assume the other following status quo measures: two fish bag limit - one of any size, limit of one trip per vessel and one trip per permit per day. All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality. Shaded cells represent projections that do not exceed the 2022 allocation of 2.11 Mlb .

| Projected Harvest (number of fish) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Wednesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| Harvest | 204,594 | 201,656 | 200,450 | 199,234 | 198,017 | 196,418 | 194,283 | 192,353 | 189,972 | 187,252 | 185,605 | 182,607 | 179,547 | 176,747 | 173,458 |

Projected Charter Removals (MIb)

| Size | Number of Wednesday Closures |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| limit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | All |
| 26 | 2.357 | 2.323 | 2.309 | 2.294 | 2.279 | 2.261 | 2.236 | 2.213 | 2.185 | 2.153 | 2.135 | 2.100 | 2.067 | 2.034 | 1.997 |
| 27 | 2.393 | 2.359 | 2.344 | 2.329 | 2.313 | 2.295 | 2.270 | 2.247 | 2.218 | 2.186 | 2.167 | 2.132 | 2.098 | 2.065 | 2.027 |
| 28 | 2.450 | 2.415 | 2.399 | 2.384 | 2.368 | 2.350 | 2.324 | 2.300 | 2.271 | 2.238 | 2.219 | 2.183 | 2.148 | 2.114 | 2.075 |
| 29 | 2.486 | 2.450 | 2.434 | 2.419 | 2.403 | 2.384 | 2.358 | 2.334 | 2.304 | 2.270 | 2.251 | 2.215 | 2.179 | 2.145 | 2.105 |
| 30 | 2.537 | 2.501 | 2.486 | 2.471 | 2.454 | 2.435 | 2.408 | 2.384 | 2.353 | 2.319 | 2.299 | 2.262 | 2.226 | 2.191 | 2.150 |
| 31 | 2.574 | 2.537 | 2.521 | 2.505 | 2.488 | 2.469 | 2.441 | 2.417 | 2.386 | 2.351 | 2.331 | 2.293 | 2.256 | 2.221 | 2.180 |
| 32 | 2.657 | 2.619 | 2.565 | 2.549 | 2.532 | 2.512 | 2.485 | 2.459 | 2.428 | 2.393 | 2.373 | 2.334 | 2.296 | 2.261 | 2.219 |

Table 3A.14. Projected harvest and removals with seasonal closures in Area 3A under with all days of the week open. Two options for halibut seasons were analyzed, May 16 - July 31 and June 1 - July 31. Projected removals include all other status quo management measures: bag limit of two fish, maximum size of 28 -inches on one fish, and a limit of one trip per vessel and one trip per permit per day. All values in the table include corrections for errors in estimation of average weight and inflation factors for release mortality. All projections were below the 2022 allocation of 2.11 Mlb .

| Season dates | Harvest | Removals <br> (Mlb) |
| :--- | :---: | :---: |
| May 16 - July 31 | 133,683 | 1.596 |
| June 1 - July 31 | 122,188 | 1.463 |

Table 3A.15. Charter logbook effort, harvest per unit effort, and harvest of halibut in IPHC Area 3A, 2013-2022. Preliminary estimates for 2022 (in italics) are based on logbook data for charter trips through August 31, 2022, entered as of November 07, 2022.

| Year | Subarea |  |  |  |  |  |  |  | Tot 3A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | GlacB-3A | Yak | EPWS | WPWS | NGulf | CCl | LCI | Kod |  |
| Effort (angler-days) |  |  |  |  |  |  |  |  |  |
| 2013 | 1,264 | 2,919 | 3,618 | 3,736 | 29,872 | 27,741 | 40,615 | 9,313 | 119,078 |
| 2014 | 1,424 | 3,315 | 3,576 | 3,435 | 29,613 | 20,633 | 37,111 | 9,927 | 109,034 |
| 2015 | 1,852 | 3,267 | 3,527 | 3,484 | 30,864 | 19,882 | 33,011 | 8,756 | 104,643 |
| 2016 | 1,887 | 3,382 | 4,126 | 4,094 | 33,007 | 16,865 | 36,978 | 8,427 | 108,766 |
| 2017 | 2,211 | 3,405 | 3,579 | 3,679 | 27,934 | 17,330 | 35,426 | 7,899 | 101,463 |
| 2018 | 2,739 | 4,412 | 4,045 | 3,955 | 27,535 | 16,871 | 33,723 | 8,476 | 101,756 |
| 2019 | 2,094 | 4,365 | 4,653 | 4,764 | 29,889 | 15,184 | 33,663 | 8,961 | 103,573 |
| 2020 | 958 | 1,994 | 3,495 | 3,770 | 20,694 | 10,773 | 24,250 | 5,851 | 71,745 |
| 2021 | 1,282 | 4,220 | 4,940 | 4,721 | 32,297 | 17,284 | 46,506 | 12,628 | 123,878 |
| 2022 | 1,137 | 4,186 | 4,762 | 4,699 | 30,145 | 15,245 | 43,228 | 12307 | 115,709 |
| Halibut Harvest per Angler-Day (HPUE) |  |  |  |  |  |  |  |  |  |
| 2013 | 1.132 | 1.301 | 1.506 | 1.524 | 1.488 | 1.878 | 1.851 | 1.328 | 1.684 |
| 2014 | 0.791 | 1.034 | 1.225 | 1.314 | 1.430 | 1.866 | 1.824 | 1.245 | 1.599 |
| 2015 | 0.746 | 0.983 | 1.218 | 1.330 | 1.501 | 1.802 | 1.791 | 1.010 | 1.564 |
| 2016 | 0.757 | 0.964 | 1.149 | 1.096 | 1.294 | 1.705 | 1.741 | 1.001 | 1.455 |
| 2017 | 0.728 | 0.939 | 1.143 | 1.016 | 1.166 | 1.665 | 1.718 | 0.983 | 1.406 |
| 2018 | 0.688 | 0.980 | 1.187 | 1.088 | 1.056 | 1.670 | 1.668 | 0.883 | 1.340 |
| 2019 | 0.755 | 0.985 | 1.103 | 1.094 | 1.143 | 1.660 | 1.642 | 0.916 | 1.343 |
| 2020 | 0.899 | 1.157 | 1.379 | 1.296 | 1.212 | 1.779 | 1.744 | 1.227 | 1.486 |
| 2021 | 0.981 | 1.116 | 1.431 | 1.138 | 1.177 | 1.831 | 1.759 | 1.154 | 1.489 |
| 2022 | 0.662 | 0.927 | 1.374 | 0.943 | 1.208 | 1.824 | 1.747 | 1.115 | 1.467 |
| Harvest (number of halibut)* |  |  |  |  |  |  |  |  |  |
| 2013 | 1,431 | 3,798 | 5,450 | 5,695 | 44,447 | 52,107 | 75,181 | 12,370 | 200,479 |
| 2014 | 1,126 | 3,429 | 4,379 | 4,514 | 42,337 | 38,504 | 67,701 | 12,358 | 174,348 |
| 2015 | 1,381 | 3,210 | 4,296 | 4,635 | 46,321 | 35,834 | 59,110 | 8,845 | 163,632 |
| 2016 | 1,428 | 3,259 | 4,742 | 4,487 | 42,721 | 28,747 | 64,392 | 8,438 | 158,214 |
| 2017 | 1,609 | 3,196 | 4,090 | 3,737 | 32,576 | 28,850 | 60,845 | 7,761 | 142,664 |
| 2018 | 1,884 | 4,322 | 4,803 | 4,302 | 29,068 | 28,183 | 56,262 | 7,488 | 136,312 |
| 2019 | 1,582 | 4,301 | 5,132 | 5,214 | 34,171 | 25,200 | 55,274 | 8,208 | 139,082 |
| 2020 | 861 | 2,308 | 4,882 | 4,887 | 25,078 | 19,094 | 42,299 | 7,180 | 106,589 |
| 2021 | 1,257 | 4,709 | 7,070 | 5,371 | 38,000 | 31,640 | 81,825 | 14,569 | 184,441 |
| 2022 | 755 | 3,874 | 6,532 | 4,410 | 36,351 | 27,232 | 74,739 | 13,197 | 167,090 |

${ }^{*}$ Effort is defined as angler-day on open days with recorded bottomfish hours or harvest of at least one halibut.


- Subareas for halibut harvest accounting

Figure 1. Subareas of IPHC Areas 2C and 3A used for analysis and reporting. A - Ketchikan; B - Prince of Wales (Craig, Klawock); C - Petersburg, Wrangell; D - Sitka; EF - Juneau, Haines, Skagway; G2C Glacier Bay, Elfin Cove (2C areas); G3A - Glacier Bay, Elfin Cove (3A Areas); H - Yakutat; EPWS Eastern Prince William Sound (Valdez, Cordova); WPWS - Western Prince William Sound (Whittier); NG - North Gulf (Seward); CCI - Central Cook Inlet (Deep Creek, Anchor Point); LCI - Lower Cook Inlet (Homer); QR - Kodiak.
Area 2C Effort

Area 2C HPUE

$\cdots \cdots \cdots$ Observed ————edicted $\square 95 \% \mathrm{Cl}$

Figure 2. Time series of charter effort (upper) and HPUE (lower) for subareas of Area 2C with predicted values and forecasts for 2023. Shaded bands indicate $95 \%$ confidence intervals for the 2023 forecasts. (Source: ADF\&G charter logbook)


Figure 3. Time series of charter effort (upper) and HPUE (lower) by subarea of Area 3A, with predicted values and 2023 forecasts of HPUE only. No time series forecasts were made for effort. Shaded bands indicate $95 \%$ confidence intervals for the 2022 HPUE forecasts. (Source: ADF\&G charter logbook)


Figure 4. Time series of the proportion of second fish retained by anglers in each subarea of Area 3A, 20102023, with predicted values and forecasts for 2023. Shaded bands indicate $95 \%$ confidence intervals for the 2023 forecasts. (Source: ADF\&G charter logbook)


[^0]:    ${ }^{1}$ Catch Sharing Plan regulations are at: https://www.federalregister.gov/documents/2013/12/12/2013-29598/pacific-halibut-fisheries-catch-sharing-plan-for-guided-sport-and-commercial-fisheries-in-alaska

[^1]:    ${ }^{2}$ SAS/ETS ${ }^{\text {TM }}$ software, Version 9.4, SAS System for Windows, Copyright © (2002-2012), SAS Institute, Inc.

[^2]:    ${ }^{3}$ The ADF\&G annual reports to the IPHC are available for download at https://www.npfmc.org/fisheries-issues/fisheries/halibut-fisheries/halibut-recreation/

[^3]:    ${ }^{4}$ IPHC length-weight relationships for IPHC Area 2C are $N e t W t(l b)=8.198 \times 10^{-6}$ ForkLength $(c m)^{3.20}$ from iphc-2022-Iwt-2cimperial.pdf.

[^4]:    ${ }^{5}$ IPHC length-weight relationships for IPHC Area 3A are $\operatorname{NetWt}(\mathrm{lb})=1.063 \times 10^{-5}$ ForkLength $(\mathrm{cm})^{3.13}$ from iphc-2022-Iwt-3aimperial.pdf.

