

Addendum to:
Fisheries Bulletin #26
Division of Fisheries
Bernard T. Carter, Director

March 1962

A SUMMARY OF
KENTUCKY COMMERCIAL FISHERIES
1959-1960

Project Leader: James P. Carter

Commissioner - Minor E. Clark
Department of Fish and Wildlife Resources
Frankfort, Kentucky

PETER W. PFEIFFER

Data used in the 1960 Commercial Fishing Survey were collected and projected by the same methods used in the 1959 investigations, (Carter, 1961) and are based on a 19.4% sample of the total licensee population.

The 1960 harvest of commercial fishes in Kentucky amounted to 2,513,652 pounds valued at \$477,945.00. This was 101,275 pounds or \$91,052 less than the 1959 harvest.

The 1960 harvest decreased 228,000 pounds on Kentucky Lake, 58,000 pounds on the Green River, 53,000 pounds on the Mississippi River and 21,000 pounds on the Rough River.

The lower harvest on the Green and Rough Rivers in 1960 paralleled a reduction in fishing pressure while the lower harvest on Kentucky Lake and the Mississippi River may be attributed to a lower rate of catch resulting from poor fishing conditions.

The harvest of commercial fishes from all other waters during 1960 did not differ significantly from that of 1959, except on the Ohio River, where an increase of 115,458 pounds was disclosed. This increase was attributed to the legalization of gill and trammel nets in the lower reaches of the river. Approximately 249,000 pounds of fish were harvested by these types of gear. That section of the Ohio which was opened to these nets extends from its mouth near Cairo, Illinois upstream, a distance of 374 miles to McAlpine Dam at Louisville, Kentucky.

Although the use of gill and trammel nets was also legalized on the Mississippi River bordering Kentucky, no one in this area reported their use.

Total pounds and value of each species taken by commercial fishermen in 1959 and 1960

| Species | Pounds | | % Pounds | | Value | | % Value | |
|------------|-----------|-----------|----------|-------|--------------|--------------|---------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 927,629 | 727,624 | 35.0 | 29.0 | \$282,705.00 | \$192,374.00 | 51.0 | 40.3 |
| Buffalo | 387,583 | 500,807 | 15.0 | 19.9 | 64,003.00 | 88,515.00 | 11.0 | 18.5 |
| Carp | 343,663 | 513,646 | 13.0 | 20.7 | 46,120.00 | 67,622.00 | 8.0 | 14.4 |
| Drum | 683,718 | 528,059 | 26.0 | 21.0 | 106,787.00 | 82,470.00 | 19.0 | 17.2 |
| Sucker | 64,939 | 82,500 | 3.0 | 3.0 | 15,905.00 | 18,737.00 | 3.0 | 3.5 |
| Paddlefish | 138,290 | 121,835 | 5.0 | 4.9 | 33,437.00 | 23,184.00 | 6.0 | 5.0 |
| Quillback | 78,105 | 30,524 | 3.0 | 1.2 | 9,177.00 | 3,143.00 | 2.0 | .7 |
| Sturgeon | - | 8,657 | - | .3 | 558,134.00 | 1,900.00 | - | .4 |
| TOTALS: | 2,614,927 | 2,513,652 | 100.0 | 100.0 | \$558,134.00 | \$467,082.00 | 100.0 | 100.0 |

Amount of gear used by fishermen in 1959 and 1960, showing the total value and pounds of fish harvested from each type gear

| Type Gear | Number Units | | Number Pounds Harvested | | Value of Fish Harvested | |
|-----------------------|--------------|-------|-------------------------|-----------|-------------------------|--------------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Hoop and Wing Nets | 6,227 | 5,247 | 1,835,818 | 1,659,743 | \$347,757.00 | \$307,321.00 |
| Haul Seines | 41 | 46 | 45,363 | 42,788 | 7,548.00 | 6,648.00 |
| Bait Lines | 3,040 | 3,065 | 345,044 | 393,933 | 85,049.00 | 86,563.00 |
| Snag Lines | 1,744 | 1,382 | 388,602 | 166,222 | 117,780.00 | 38,502.00 |
| Gill and Trammel Nets | 0 | 250 | 0 | 250,966 | 0 | 38,911.00 |
| TOTALS: | 11,052 | 9,990 | 2,614,927 | 2,513,652 | \$558,134.00 | \$477,945.00 |

Ohio River

| Species | Pounds | | % | | Value | | % | |
|------------|-----------|-----------|--------|--------|--------------|--------------|-------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 388,894 | 370,988 | 25.5 | 22.6 | \$ 97,223.00 | \$ 92,747.00 | 37.1 | 33.2 |
| Buffalo | 177,341 | 286,904 | 11.7 | 17.5 | 24,828.00 | 40,167.00 | 9.5 | 14.4 |
| Carp | 191,141 | 361,803 | 12.5 | 22.1 | 24,848.00 | 48,034.00 | 9.5 | 16.8 |
| Drum | 618,129 | 456,861 | 40.6 | 28.0 | 92,719.00 | 68,529.00 | 35.3 | 24.5 |
| Suckers | 23,755 | 50,489 | 1.6 | 3.1 | 4,989.00 | 10,603.00 | 2.0 | 3.8 |
| Quillback | 69,109 | 23,532 | 4.5 | 1.4 | 6,911.00 | 2,353.00 | 2.6 | .8 |
| Paddlefish | 54,498 | 81,962 | 3.6 | 5.0 | 10,900.00 | 16,392.00 | 4.1 | 5.9 |
| Sturgeon | - | 5,776 | - | .3 | - | 1,444.00 | - | .6 |
| TOTALS: | 1,522,857 | 1,638,315 | 100.00 | 100.00 | \$262,418.00 | \$279,269.00 | 100.0 | 100.0 |

Kentucky Lake

| Species | Pounds | | % | | Value | | % | |
|------------|---------|---------|-------|-------|--------------|-------------|-------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 340,383 | 165,718 | 67.5 | 59.8 | \$122,538.00 | \$41,429.00 | 74.1 | 74.8 |
| Buffalo | 47,638 | 30,966 | 9.0 | 11.2 | 12,863.00 | 4,645.00 | 7.8 | 8.4 |
| Carp | 33,439 | 27,106 | 6.6 | 9.8 | 6,688.00 | 1,626.00 | 4.0 | 2.9 |
| Drum | 15,151 | 15,462 | 3.0 | 5.6 | 4,848.00 | 2,629.00 | 3.0 | 4.7 |
| Suckers | 1,020 | 4,106 | .2 | 1.5 | 255.00 | 616.00 | .1 | 1.1 |
| Quillback | 1,147 | 4,080 | .2 | 1.5 | 344.00 | 204.00 | .2 | .4 |
| Paddlefish | 66,064 | 28,407 | 13.1 | 10.3 | 17,837.00 | 3,977.00 | 10.8 | 7.2 |
| Sturgeon | - | 1,020 | - | .3 | - | 255.00 | - | .5 |
| TOTALS: | 504,842 | 276,865 | 100.0 | 100.0 | \$165,373.00 | \$55,381.00 | 100.0 | 100.0 |

Kentucky River

| Species | Pounds | | % Pounds | | Value | | % Value | |
|------------|---------|---------|-------------|-------|-------------|-------------|------------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 44,002 | 45,404 | 28.2 | 22.3 | \$15,840.00 | \$16,345.00 | 35.1 | 29.2 |
| Buffalo | 57,093 | 88,576 | 36.6 | 43.5 | 15,415.00 | 23,916.00 | 34.1 | 42.7 |
| Carp | 17,895 | 48,618 | 11.5 | 23.9 | 3,579.00 | 9,724.00 | 7.9 | 17.4 |
| Drum | 9,031 | 10,770 | 5.8 | 5.3 | 2,890.00 | 3,446.00 | 6.4 | 6.1 |
| Suckers | 15,300 | 6,833 | 9.8 | 3.4 | 3,825.00 | 1,708.00 | 8.5 | 3.0 |
| Quillback | 4,141 | 923 | 2.6 | .5 | 1,242.00 | 277.00 | 2.8 | .5 |
| Paddlefish | 8,654 | 2,329 | 5.5 | 1.1 | 2,336.00 | 629.00 | 5.2 | 1.1 |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 156,116 | 203,453 | 100.0 | 100.0 | \$45,128.00 | \$56,045.00 | 100.0 | 100.0 |

Cumberland River

| Species | Pounds | | % Pounds | | Value | | % Value | |
|------------|--------|---------|----------|-------|-------------|-------------|---------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 38,907 | 66,861 | 62.3 | 43.9 | \$10,116.00 | \$17,384.00 | 76.0 | 56.0 |
| Buffalo | 2,754 | 32,410 | 4.4 | 21.3 | 551.00 | 6,482.00 | 4.1 | 20.9 |
| Carp | 6,502 | 29,615 | 10.4 | 19.4 | 88.00 | 2,961.00 | .7 | 9.5 |
| Drum | 7,134 | 13,953 | 11.4 | 9.2 | 1,070.00 | 2,093.00 | 8.0 | 6.7 |
| Suckers | 1,173 | 897 | 1.9 | .6 | 223.00 | 170.00 | 1.7 | .5 |
| Quillback | 3,213 | 1,224 | 5.1 | .8 | 610.00 | 233.00 | 4.5 | .7 |
| Paddlefish | 2,805 | 7,191 | 4.5 | 4.7 | 673.00 | 1,726.00 | 5.0 | 5.6 |
| Sturgeon | - | 102 | - | .1 | - | 26.00 | - | 1.1 |
| TOTALS: | 62,488 | 155,253 | 100.0 | 100.0 | \$13,331.00 | \$31,075.00 | 100.0 | 100.0 |

Mississippi River

| Species | Pounds | | % | | Value | | % | |
|------------|--------|--------|-------|-------|-------------|------------|-------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 32,385 | 18,946 | 37.7 | 58.8 | \$9,068.00 | \$5,305.00 | 68.2 | 79.5 |
| Buffalo | 11,500 | 4,834 | 13.4 | 15.0 | 1,725.00 | 725.00 | 13.0 | 10.9 |
| Carp | 33,904 | 1,402 | 39.5 | 4.3 | 2,034.00 | 84.00 | 15.3 | 1.3 |
| Drum | 7,395 | 3,768 | 8.6 | 11.7 | 370.00 | 188.00 | 2.8 | 2.8 |
| Suckers | 433 | 892 | .5 | 2.8 | 78.00 | 161.00 | .6 | 2.4 |
| Quillback | - | - | - | - | - | - | - | - |
| Paddlefish | 280 | 637 | .3 | 2.0 | 14.00 | 32.00 | .1 | .5 |
| Sturgeon | - | 1,759 | - | 5.4 | - | 176.00 | - | 2.6 |
| TOTALS: | 85,897 | 32,238 | 100.0 | 100.0 | \$13,289.00 | \$6,671.00 | 100.0 | 100.0 |

Tennessee River

| Species | Pounds | | % Pounds | | Value | | % Value | |
|------------|--------|--------|-------------|-------|------------|------------|------------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 5,955 | 19,303 | 26.7 | 54.0 | \$1,489.00 | \$4,826.00 | 44.9 | 69.8 |
| Buffalo | 2,324 | 5,304 | 10.4 | 14.8 | 395.00 | 902.00 | 11.9 | 13.1 |
| Carp | 7,532 | 3,554 | 33.8 | 9.9 | 527.00 | 249.00 | 15.9 | 3.6 |
| Drum | 3,962 | 7,230 | 17.8 | 20.2 | 476.00 | 867.00 | 14.4 | 12.5 |
| Suckers | - | - | - | - | - | - | - | - |
| Quillback | - | - | - | - | - | - | - | - |
| Paddlefish | 2,514 | 382 | 11.3 | 1.1 | 427.00 | 65.00 | 12.9 | 1.0 |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 22,287 | 35,773 | 100.0 | 100.0 | \$3,314.00 | \$6,909.00 | 100.0 | 100.0 |

Barren River

| Species | Pounds | | % | | Value | | % | |
|------------|--------|--------|-------|-------|-------------|-------------|-------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 8,659 | 7,911 | 30.7 | 29.0 | \$4,329.00 | \$3,995.00 | 38.7 | 36.8 |
| Buffalo | 8,562 | 6,984 | 30.4 | 22.1 | 2,997.00 | 2,129.00 | 26.8 | 19.6 |
| Carp | 2,977 | 903 | 10.6 | 3.3 | 982.00 | 298.00 | 8.7 | 2.7 |
| Drum | 866 | 5,814 | 3.1 | 21.1 | 303.00 | 2,035.00 | 2.7 | 18.7 |
| Suckers | 6,491 | 6,508 | 23.0 | 23.6 | 2,272.00 | 2,278.00 | 20.3 | 21.0 |
| Quillback | - | - | - | - | - | - | - | - |
| Paddlefish | 626 | 255 | 2.2 | .9 | 313.00 | 313.00 | 2.8 | 1.2 |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 28,181 | 27,555 | 100.0 | 100.0 | \$11,196.00 | \$10,863.00 | 100.0 | 100.0 |

Licking River

| Species | Pounds | | % | | Value | | % | |
|------------|--------|--------|-------|-------|------------|------------|-------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 2,606 | 2,207 | 9.4 | 6.8 | \$ 652.00 | \$ 552.00 | 14.1 | 10.8 |
| Buffalo | 2,932 | 13,005 | 10.6 | 40.5 | 410.00 | 1,821.00 | 9.0 | 35.5 |
| Carp | 13,137 | 8,772 | 47.4 | 27.2 | 1,708.00 | 1,140.00 | 37.1 | 22.3 |
| Drum | 535 | 407 | 1.9 | 1.3 | 80.00 | 61.00 | 1.7 | 1.2 |
| Suckers | 8,211 | 7,012 | 29.6 | 21.8 | 1,724.00 | 1,473.00 | 37.4 | 28.7 |
| Quillback | 306 | 765 | 1.1 | 2.4 | 31.00 | 77.00 | .7 | 1.5 |
| Paddlefish | - | - | - | - | - | - | - | - |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 27,727 | 32,168 | 100.0 | 100.0 | \$4,605.00 | \$5,123.00 | 100.0 | 100.0 |

Big Sandy River

| Species | Pounds | | % | | Value | | % | |
|------------|--------|-------|-------|-------|-----------|-----------|-------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 321 | 1,632 | 41.2 | 86.1 | \$ 80.00 | \$ 408.00 | 58.0 | 91.6 |
| Buffalo | 51 | 255 | 6.5 | 13.4 | 7.00 | 36.00 | 5.1 | 8.1 |
| Carp | 306 | - | 39.3 | - | 40.00 | - | 28.7 | - |
| Drum | 25 | 10 | 3.2 | .5 | 4.00 | 1.00 | 2.7 | .3 |
| Suckers | - | - | - | - | - | - | - | - |
| Quillback | 76 | - | 9.8 | - | 8.00 | - | 5.5 | - |
| Paddlefish | - | - | - | - | - | - | - | - |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 779 | 1,897 | 100.0 | 100.0 | \$ 139.00 | \$ 445.00 | 100.0 | 100.0 |

Rough River

| Species | Pounds | | % Pounds | | Value | | % Value | |
|------------|--------|------|-------------|-------|------------|----------|------------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 2,401 | - | 11.0 | - | \$ 600.00 | \$ - | 18.3 | - |
| Buffalo | 6,241 | 112 | 28.5 | 20.00 | 874.00 | 27.00 | 26.6 | 24.5 |
| Carp | 11,158 | 224 | 50.9 | 40.00 | 1,451.00 | 40.00 | 44.2 | 36.4 |
| Drum | 1,402 | 224 | 6.4 | 40.00 | 210.00 | 43.00 | 6.4 | 39.1 |
| Suckers | 305 | - | 1.3 | - | 64.00 | - | 2.0 | - |
| Quillback | - | - | - | - | - | - | - | - |
| Paddlefish | 407 | - | 1.9 | - | 81.00 | - | 2.5 | - |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 21,914 | 560 | 100.0 | 100.0 | \$3,280.00 | \$110.00 | 100.0 | 100.0 |

Miscellaneous Small Lakes

| Species | Pounds | | % Pounds | | Value | | % Value | |
|------------|--------|--------|----------|-------|------------|------------|---------|-------|
| | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 |
| Catfish | 739 | 938 | 3.1 | 7.6 | \$ 185.00 | \$ 263.00 | 5.6 | 25.2 |
| Buffalo | 13,770 | 1,096 | 58.8 | 8.9 | 1,928.00 | 164.00 | 58.9 | 15.7 |
| Carp | 8,925 | 10,271 | 38.1 | 83.5 | 1,160.00 | 616.00 | 35.5 | 59.1 |
| Drum | - | - | - | - | - | - | - | - |
| Suckers | - | - | - | - | - | - | - | - |
| Quillback | - | - | - | - | - | - | - | - |
| Paddlefish | - | - | - | - | - | - | - | - |
| Spoonbill | - | - | - | - | - | - | - | - |
| Sturgeon | - | - | - | - | - | - | - | - |
| TOTALS: | 23,434 | 12,305 | 100.0 | 100.0 | \$3,273.00 | \$1,043.00 | 100.0 | 100.0 |

Literature Cited

Carter, James P.

1961. A Report on the Commercial Fish Harvest in Kentucky for 1959. Fisheries Bulletin #26, Kentucky Department of Fish and Wildlife Resources.