

# **Coldwater Fish Production**

## **Statewide Hatchery Report 2015**

**TWRA Fisheries Report No. 16 – 02**



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Edited by  
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## **Introduction**

Tennessee offers a variety of trout fishing opportunities. A 2012 angler survey conducted by the University of Tennessee reported that about 104,000 anglers fish for trout in Tennessee annually. Trout anglers represented 15% of all anglers in Tennessee; this was an increase from 9.5% in 2010.

TWRA trout hatcheries play a critical role maintaining traditional fisheries and expanding opportunities. TWRA stocks trout to create fisheries in seasons or waters that are otherwise not used by anglers. TWRA's winter trout program has demonstrated that stocking waters that are convenient to the public is a promising strategy for recruiting more trout anglers.

Although there are numerous wild trout streams in Tennessee (unstocked waters), most anglers rely on stocked streams, tailwaters and lakes for their trout fishing. Rainbow trout are uniquely suited for stocking because they are among a short list of species that can efficiently be grown to large lengths in a hatchery. Rainbow trout are commonly stocked at a length of 9-12 inches which is large enough to be appreciated and likely harvested by the average angler. In locations with acceptable habitat, large numbers of smaller trout (4-7 inch) are stocked. These fish are expected to grow to desirable sizes naturally. Brown, brook and lake trout are commonly stocked at small sizes in Tennessee.

This report provides an overview of the trout stocking program in Tennessee in 2015. The first section provides a summary of all trout production in the state. The next section contains production and accomplishments at each individual hatchery involved in trout production in Tennessee. The last section provides stocking totals for each type of fishery. All data are based on 2015 calendar year distribution records. Some stocking information may deviate from the calendar year, due to Winter and Delayed-Harvest seasons. A comprehensive coldwater production database is located at the Fisheries Division in Nashville.

## 2015 Trout Hatchery Summary

TWRA operates four trout hatcheries: Erwin State Hatchery, Tellico Hatchery, Buffalo Springs Hatchery and Flintville Hatchery. Hatcheries are operated for optimized production to maximize quantity and minimize fish health issues. Hatcheries produced approximately 275,000 pounds of trout (815,474 trout) at a cost of \$1.2 million in 2015 (Table 1). Estimated annual production (pounds) is the total pounds stocked minus pounds of startup trout if applicable (Table 1). “Startup” trout are those trout received from another hatchery that are grown to stock size at the receiving hatchery. Only Tellico and Erwin hatcheries receive startup trout. Humboldt Hatchery, a warmwater hatchery, plays a minor role in annual trout production (approximately 5,000 pounds) in the Winter Stocking Program. The rainbow trout are acquired from the Flintville Hatchery and held in ponds and in a new 100-foot, double-sided raceway at Humboldt until the appropriate release date. These trout are stocked in West Tennessee ponds and small lakes.

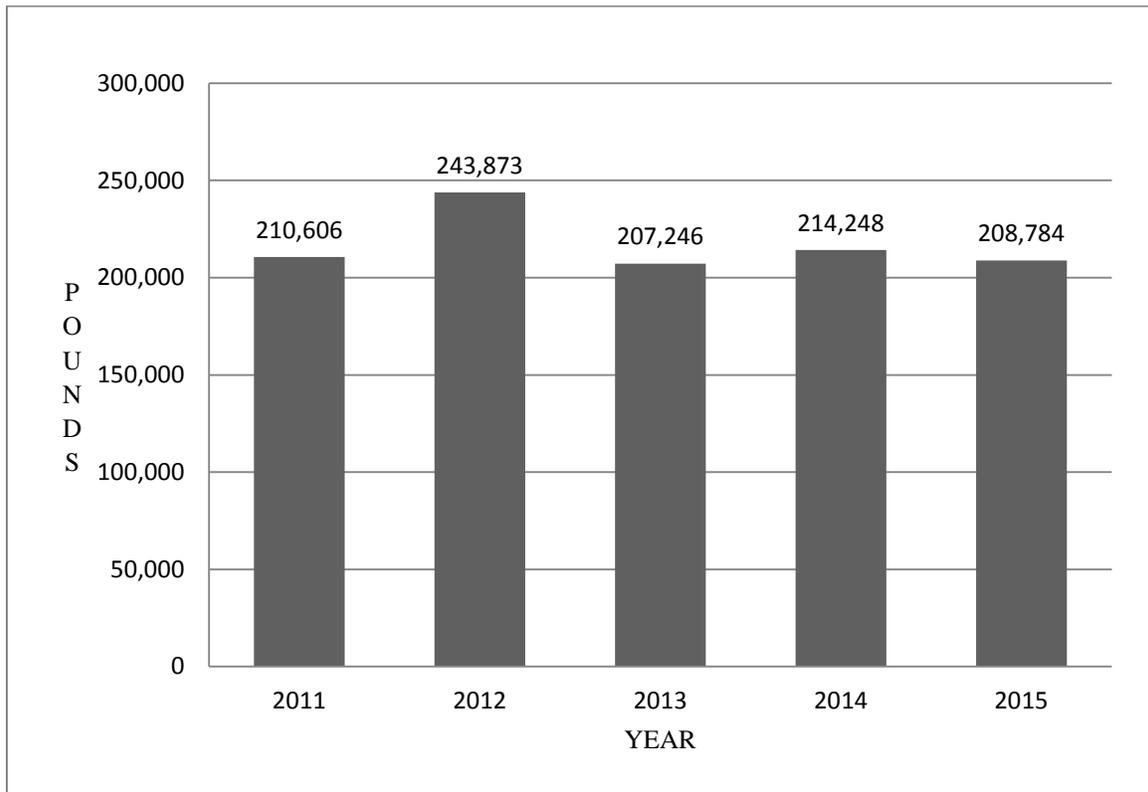
**Table 1. Total trout delivered (stocked into Tennessee waters and transferred to other hatcheries), estimates of annual production, and estimated cost for TWRA’s primary trout hatcheries in 2015.**

|   | Erwin State | Tellico    | Buffalo Springs | Flintville |
|---|-------------|------------|-----------------|------------|
| <b>Number of Trout Stocked or Transferred</b>                   | 85,077      | 160,265    | 477,665         | 92,467     |
| <b>Pounds of Trout Stocked or Transferred</b>                   | 42,420      | 99,519     | 91,269          | 41,873     |
| <b>Number of Stocking Trips</b>                                 | 169         | 196        | 170             | 144        |
| <b>Estimated Annual Production (lbs)</b>                        | 29,942      | 50,064     | 86,127          | 41,873     |
| <b>Annual Hatchery Budget (FY14/15)</b>                         | \$238,739   | \$305,917* | \$398,938**     | \$279,472  |
| <b>Est. Cost per Pound of Estimated Production (FY14/15)***</b> | \$7.97      | \$6.11     | \$4.63          | \$6.67     |
| <b>Estimated Cost per Pound of Trout Stocked (FY14/15)***</b>   | \$5.63      | \$3.07     | \$4.37          | \$6.67     |

\* In FY 13/14, a fish food purchase of \$25,000 was processed in the FY 14/15. This action caused the FY 14/15 expenditures to be higher.

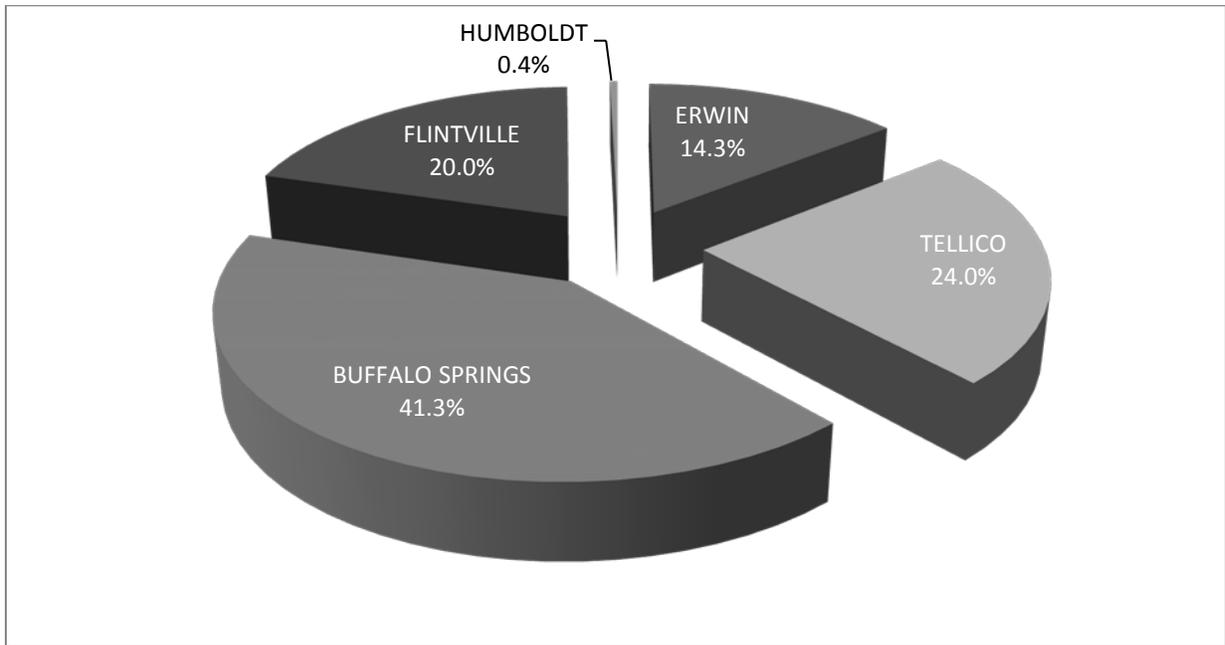
- \*\* Buffalo Spring’s budget was calculated as the total budget (\$477,652) minus an estimated cost for the TWRA employee who delivers Dale Hollow NFH fish (\$57,714) and his hauling truck (\$21,000) stationed at Buffalo Springs Hatchery.
- \*\*\* Estimation of costs per pound is the actual budget expenditures which are spent on production and stocking. It does not account for other activities performed by hatchery staff, therefore it should be considered an overestimation.

Several factors affect trout production from year to year. Feed quality and consumption, water quality (temperature and oxygen levels), fish densities in raceways and predation. Figure 1 shows the yearly net production for a 5-year period at all the TWRA hatcheries.



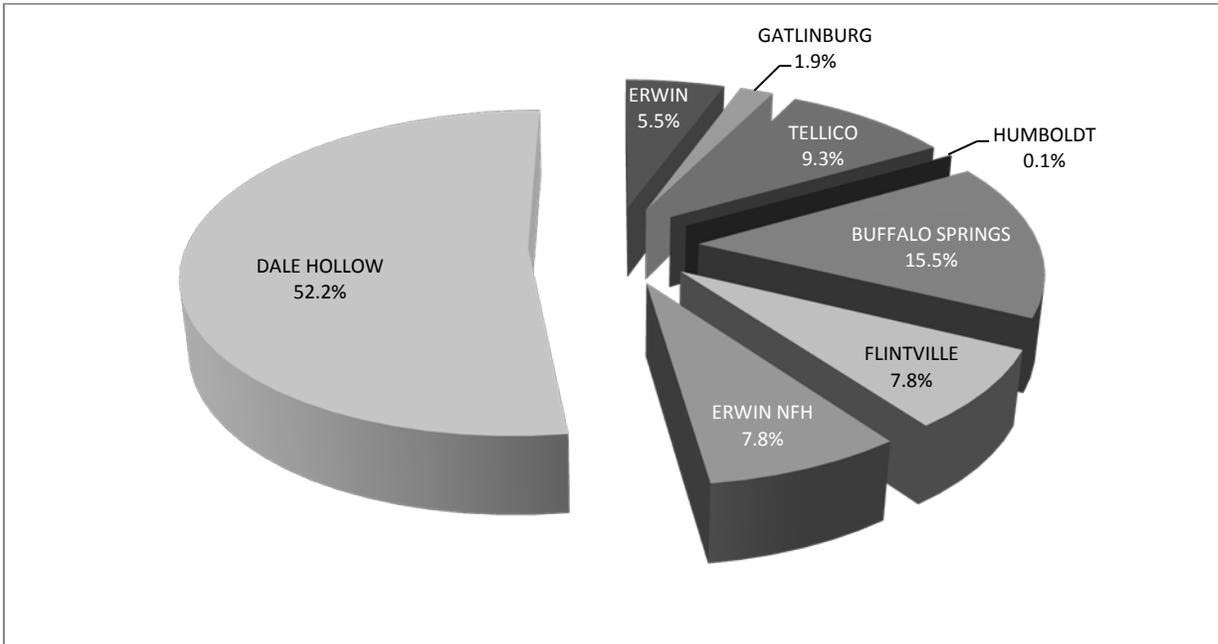
**Figure 1.** Net production of trout (pounds) by TWRA hatcheries.  
 Net production = gross production (pounds) – start up (pounds).

In 2015, TWRA produced 208,784 pounds of trout for Tennessee waters. Figure 2 shows the contribution by each hatchery.

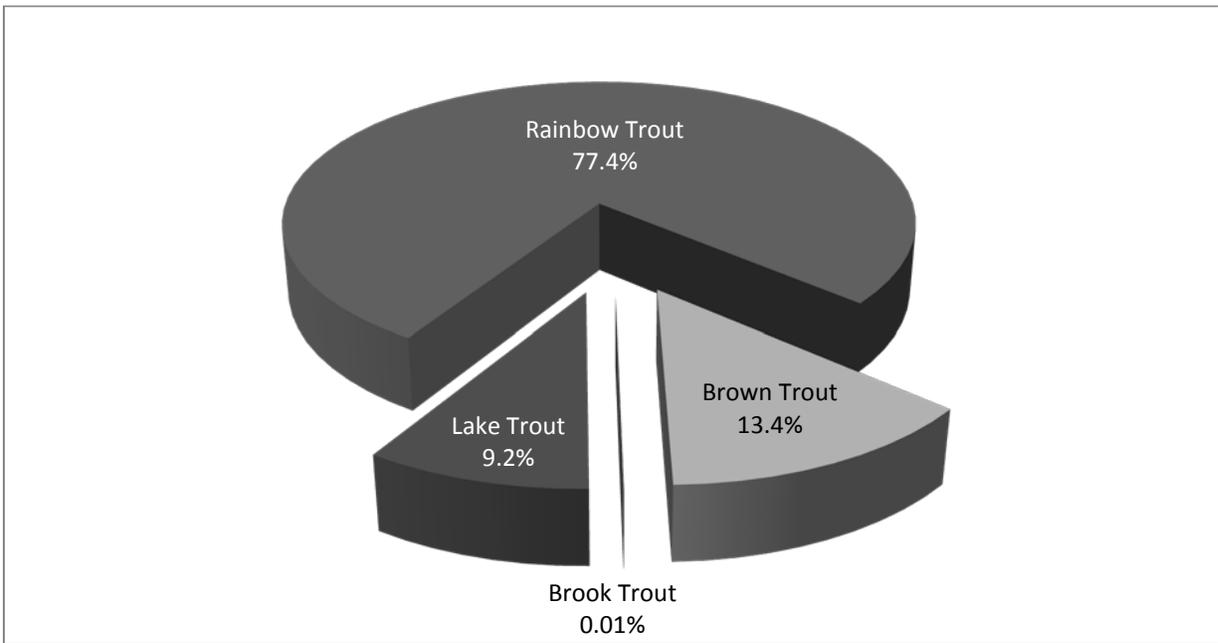


**Figure 2.** Percent net production (pounds) by TWRA hatcheries.  
Net production = gross production (pounds) – start up (pounds).

Two USFWS hatcheries play a critical role in trout production in Tennessee. Dale Hollow National Fish Hatchery (DHNHFH) produced an additional 282,000 pounds of trout (1.35 million fish). Erwin National Fish Hatchery stocked approximately 42,000 pounds of large brood fish (12-20 inches). Dale Hollow NFH produced the most pounds (52.2%) of any Tennessee hatchery (Figure 3). Tennessee waters are stocked with four species of trout. All hatcheries raise and stock rainbow trout, which is the highest percentage of stocked fish (Figure 4).



**Figure 3.** Percent net production (Pounds) by all hatcheries.  
 Net production = gross production (pounds) – start up (pounds).



**Figure 4.** Percent by number of trout species stocked in Tennessee.

Along with rainbows, Dale Hollow NFH stocked brook, brown, and lake trout. Tellico Hatchery is the only state hatchery that stocked rainbow, brook and brown trout. A total of ten hatcheries stock approximately 1.9 million trout (542,000 pounds) in Tennessee waters. Sixty-nine percent of all trout stocked are 7 inches or greater (Table 2).

**Table 2. Total number and weight of trout stocked by each hatchery in 2015 (does not include hatchery transfers). FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches.**

| Hatchery               | Species | Stage | Number           | Weight (lbs)   | Number of Stocking Trips |
|------------------------|---------|-------|------------------|----------------|--------------------------|
| ERWIN                  | RAINBOW | ADULT | 80,154           | 38,917         | 166                      |
| TELLICO                | BROOK   | ADULT | 95               | 266            | 3                        |
| TELLICO                | BROWN   | ADULT | 7,555            | 3,596          | 10                       |
| TELLICO                | RAINBOW | ADULT | 143,883          | 93,019         | 184                      |
| BUFFALO SPRINGS        | LAKE    | FINGL | 22,498           | 1,198          | 1                        |
| BUFFALO SPRINGS        | RAINBOW | ADULT | 199,088          | 70,244         | 150                      |
| BUFFALO SPRINGS        | RAINBOW | FINGL | 110,180          | 3,849          | 5                        |
| FLINTVILLE             | RAINBOW | ADULT | 83,467           | 39,146         | 144                      |
| DALE HOLLOW USFWS      | BROWN   | ADULT | 118,955          | 19,953         | 28                       |
| DALE HOLLOW USFWS      | BROWN   | FINGL | 120,152          | 7,077          | 10                       |
| DALE HOLLOW USFWS      | LAKE    | FINGL | 149,902          | 8,545          | 9                        |
| DALE HOLLOW USFWS      | RAINBOW | ADULT | 600,481          | 197,567        | 267                      |
| DALE HOLLOW USFWS      | RAINBOW | FINGL | 160,024          | 4,512          | 6                        |
| ERWIN USFWS            | RAINBOW | ADULT | 18,091           | 34,690         | 35                       |
| ERWIN USFWS            | RAINBOW | FINGL | 13,211           | 474            | 3                        |
| GATLINBURG             | RAINBOW | ADULT | 22,549           | 10,082         | 77                       |
| HUMBOLDT               | RAINBOW | ADULT | 12,440           | 5,052          | 16                       |
| ARMSTRONG - N.CAROLINA | RAINBOW | ADULT | 3,500            | 1,944          | 1                        |
| MARION - VIRGINIA      | BROWN   | ADULT | 2,000            | 2,000          | 1                        |
| <b>Total</b>           |         |       | <b>1,868,225</b> | <b>542,131</b> | <b>1,116</b>             |

Buffalo Springs Hatchery produces trout for hatchery-supported streams, reservoirs, and tailwaters in East Tennessee. They receive eggs from disease-free sources, such as Erwin National Fish Hatchery. Eggs are incubated and hatched, producing fry that are grown to various sizes. Buffalo Springs Hatchery supplies Erwin State Fish Hatchery with fingerling (4-5 inch) rainbow trout as their starter fish. Similarly, Buffalo Springs Hatchery provides 6-inch rainbow trout to the City of Gatlinburg’s hatchery to be grown out and stocked in Gatlinburg streams. In 2015 three streams (LeConte Creek, Roaring Fork, and West Prong Little Pigeon River) were stocked with approximately 22,549 trout by the City of Gatlinburg.

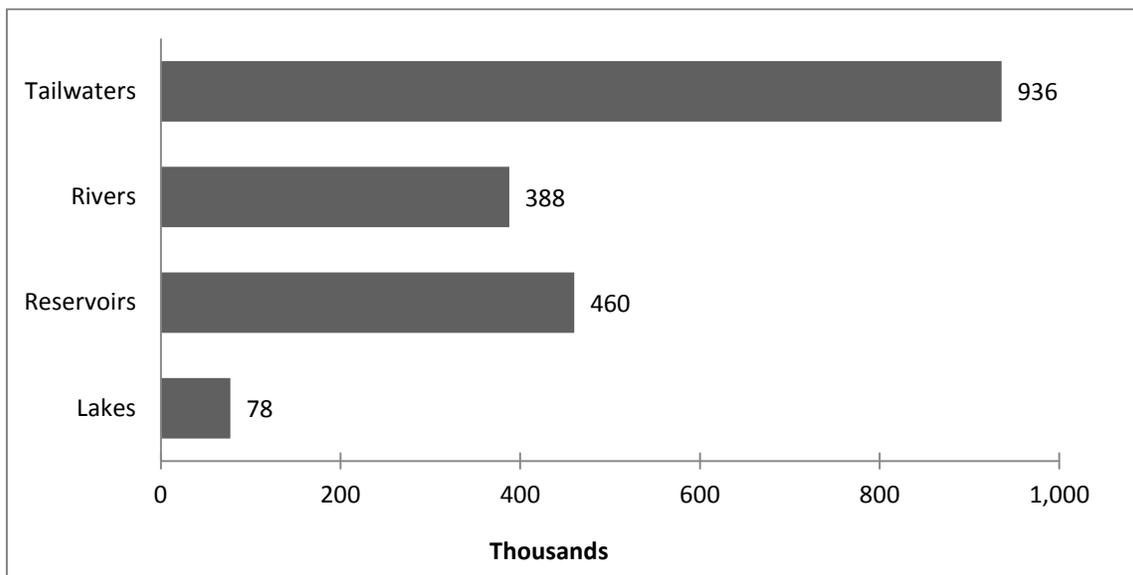
Erwin State Hatchery relies on starter fish from Buffalo Springs Hatchery. Most fish produced at Erwin State Hatchery are 10-inch rainbow trout to be stocked in hatchery-supported streams in upper East Tennessee.

Tellico Hatchery receives 9-inch rainbow trout from DHNFH. These fish are then grown to 11-12 inches and stocked frequently into the Tellico River, Citico Creek, and Green Cove Pond. This intense management requires additional fees to support the program and a special Tellico-Citico permit is required to fish these waters. Several Polk County streams are also stocked with trout from this hatchery. Tellico acquires broodstock of the Southern Appalachian strain brook trout, which they successfully spawn, hatched the eggs and rear the fry to stocking size.

Flintville Hatchery was established in 1933 and is Tennessee’s oldest trout hatchery. This hatchery grows rainbow trout from eggs to a variety of sizes for waters in middle and West Tennessee. Flintville’s trout are primarily stocked in hatchery-supported streams and winter trout areas, as well as a few tailwaters.

Tennessee relies heavily on trout from DHNFH to stock tailwaters and reservoirs, and to supply trout to Tellico Hatchery. DHNFH produced 281,651 pounds of trout (1.3 million fish) in 2015. Most of these fish were produced to mitigate for fisheries that were permanently lost due to the construction and operation of dams. Ninety-six percent of all brown trout and eighty-seven percent of lake trout stocked in Tennessee are from DHNFH.

In addition to production, hatchery staff are responsible for the delivery of trout according to the schedule developed by the management team. Hatchery drivers made 1,176 stocking trips in 2015. Figure 5 shows the number of trout stocked in specific habitats. Tailwaters receive the highest number of trout and stocking trips. See Appendix A, for individual stocking totals by program.



**Figure 5.** Number of trout stocked by habitat.

## **Flintville Hatchery**

**Location:** 20 acres owned by TWRA within the 720-acre Flintville Wildlife Management Area located near Flintville along HWY 64 in Lincoln County.

**Hatchery Operation:** Spring water is collected from pipes in Warren Hollow to supply water to the hatchery building and the concrete outdoor raceways. Inside the hatchery building there are eight concrete rearing tanks (28 ft x 2.5 ft) with 40 gallons per minute flow that are used to incubate eggs and rear small trout. Outside there is one long raceway (960 ft x 8 ft x 3 ft) with an average flow of 700 gallons per minute. This raceway was renovated in 2007. A second raceway (410 ft x 5 ft) is not used due to poor structural integrity and variable flow from the main raceway and water from Crowder Spring. The third raceway (265 ft x 8 ft) reuses water from the main raceway and from Crowder Spring to maintain a flow of about 500 gallons per minute.

Flintville Hatchery typically purchases eggs from the Trout Lodge Hatchery, a private hatchery in the State of Washington. These eggs cost about \$20 per thousand. They are worth the additional cost because they reliably survive and grow very well requiring little maintenance. Another advantage is that they are a unique strain, Kamloops, which does very well in some locations when stocked as fingerlings. TWRA benefits from having this strain that is not available through the USFWS egg program. Eggs are incubated, hatched and reared in the hatchery building and then moved outside when they reach suitable sizes.

Flintville Hatchery stocks most of its trout as large fish 10-12 inches in streams and tailwaters in middle Tennessee. Flintville Hatchery also produces a large number of trout for the Winter Trout Program. In a typical year about 18,000 miles are driven while stocking trout. All of the stockings are done in a single day with no overnight travel. Their staff's longest trip is to Collierville at Johnson Park, a round trip of 450 miles requiring approximately 14 hours.

### **ACCOMPLISHMENTS:**

- Production information (Table 3)
- Locations stocked (Table 4)
- Five-year production summary (Figure 6)

### **Other Activities:**

Regular posting of status updates, photos, and stocking information resulted in the Flintville Fish Hatchery Facebook page exceeding 1,000 "Likes" in 2015.

The opportunity for self-guided hatchery tours is provided to the public Monday through Friday. Hatchery staff provides an average of 6 scheduled tours to schools, community organizations, and local government officials annually. Visitation averages approximately 800 visitors per year.

Flintville staff assisted with the 2015 Lincoln County Kids Fishing Day event at Stonebridge Park in Fayetteville.

Approximately 35 acres of wildlife food plots were planted on the Flintville Hatchery Wildlife Management Area in 2015. As a result of excavating fill material for the new storage building, a (100 ft x 50 ft) pond was dug on the south end of the WMA. This pond will rely upon precipitation as it's water source and will be beneficial to both game and non-game species.

**Table 3. Summary of Flintville Hatchery:**

|  |           |
|--|-----------|
| <b>Number of Trout Stocked</b>                               | 92,467    |
| <b>Pounds of Trout Stocked</b>                               | 41,873    |
| <b>Number of Stocking Trips by Flintville Drivers</b>        | 144       |
| <b>Estimated Annual Production (lbs)*</b>                    | 41,873    |
| <b>Annual Hatchery Budget Spent (FY14/15)</b>                | \$279,472 |
| <b>Estimated Cost per Pound of Production (FY14/15)**</b>    | \$6.67    |
| <b>Estimated Cost per Pound of Trout Stocked (FY14/15)**</b> | \$6.67    |

\* Production is estimated as the total pounds stocked plus trout transferred to others hatcheries.

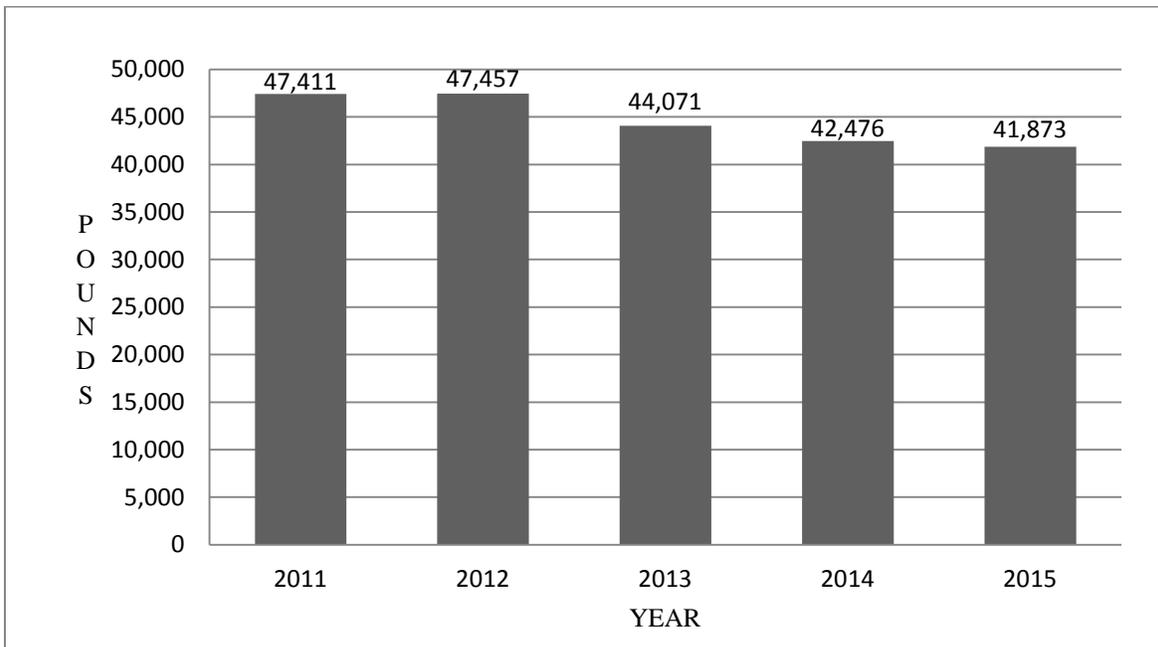
\*\*Cost estimates assume that all the money spent in the budget was on trout production. Therefore, this is an overestimation.

**Table 4. Total number and weight of trout stocked from Flintville Hatchery in Tennessee waters. ADULT = trout > 9 inches.**

| Water Stocked               | County     | Species | Stage | Number | Weight (lbs.) | Number of Stocking Trips |
|-----------------------------|------------|---------|-------|--------|---------------|--------------------------|
| BARREN FORK RIVER           | WARREN     | RAINBOW | ADULT | 1,619  | 720           | 3                        |
| BATTLE CREEK                | MARION     | RAINBOW | ADULT | 1,568  | 685           | 3                        |
| BEECH LAKE                  | HENDERSON  | RAINBOW | ADULT | 1,717  | 836           | 2                        |
| BIG ROCK CREEK              | MARSHALL   | RAINBOW | ADULT | 714    | 366           | 2                        |
| BILLY DUNLAP PARK           | MONTGOMERY | RAINBOW | ADULT | 1,723  | 834           | 2                        |
| CALFKILLER RIVER            | PUTNAM     | RAINBOW | ADULT | 1,044  | 455           | 3                        |
| CAMP RENAISSANCE            | DICKSON    | RAINBOW | ADULT | 1,010  | 505           | 1                        |
| CANE CREEK (HICKMAN)        | HICKMAN    | RAINBOW | ADULT | 787    | 340           | 3                        |
| CANE CREEK (PERRY)          | PERRY      | RAINBOW | ADULT | 2,157  | 950           | 3                        |
| CANE CREEK (VANBUREN)       | VANBUREN   | RAINBOW | ADULT | 2,432  | 1,175         | 3                        |
| CHARLES CREEK               | WARREN     | RAINBOW | ADULT | 803    | 350           | 3                        |
| COLLINS RIVER               | GRUNDY     | RAINBOW | ADULT | 1,647  | 815           | 3                        |
| COWAN CITY PARK             | FRANKLIN   | RAINBOW | ADULT | 1,071  | 562           | 3                        |
| DUCK RIVER FISHERMANS PARK  | BEDFORD    | RAINBOW | ADULT | 753    | 392           | 2                        |
| DUCK RIVER RIVERSIDE DAM    | MAURY      | RAINBOW | ADULT | 1,503  | 782           | 2                        |
| E FORK SHOAL CREEK          | LAWRENCE   | RAINBOW | ADULT | 2,250  | 1,016         | 6                        |
| ELK RIVER (GRUNDY)          | GRUNDY     | RAINBOW | ADULT | 870    | 450           | 2                        |
| FLYNNS LICK CREEK           | JACKSON    | RAINBOW | ADULT | 830    | 360           | 3                        |
| HARPEATH RIVER              | WILLIAMSON | RAINBOW | ADULT | 3,675  | 1,748         | 4                        |
| HURRICANE CREEK (HOUSTON)   | HOUSTON    | RAINBOW | ADULT | 1,328  | 470           | 2                        |
| HURRICANE CREEK (HUMPHREYS) | HUMPHREYS  | RAINBOW | ADULT | 2,674  | 1,200         | 3                        |
| J D BUCKNER LAKE            | DICKSON    | RAINBOW | ADULT | 1,343  | 659           | 2                        |
| JOHNSON PARK LAKE           | SHELBY     | RAINBOW | ADULT | 2,564  | 1,229         | 3                        |
| KINGSTON SPRINGS LAKE       | CHEATHAM   | RAINBOW | ADULT | 799    | 355           | 2                        |
| LAKE GRAHAM                 | MADISON    | RAINBOW | ADULT | 3,008  | 1,391         | 3                        |
| LAUREL CREEK (VANBUREN)     | VANBUREN   | RAINBOW | ADULT | 804    | 395           | 3                        |
| LITTLE BUFFALO RIVER        | LAWRENCE   | RAINBOW | ADULT | 3,029  | 1,290         | 4                        |
| LITTLE SEQUATCHIE RIVER     | MARION     | RAINBOW | ADULT | 1,765  | 800           | 3                        |
| MARROWBONE LAKE             | DAVIDSON   | RAINBOW | ADULT | 3,058  | 1,277         | 3                        |
| MCCUTCHEON CREEK            | MAURY      | RAINBOW | ADULT | 2,309  | 1,097         | 6                        |
| MILL CREEK                  | HICKMAN    | RAINBOW | ADULT | 3,127  | 1,610         | 4                        |
| MOUNTAIN CREEK              | WARREN     | RAINBOW | ADULT | 500    | 215           | 2                        |
| N BARREN FORK CREEK         | WARREN     | RAINBOW | ADULT | 800    | 345           | 3                        |
| N CHICKAMAUGA CREEK         | HAMILTON   | RAINBOW | ADULT | 871    | 355           | 3                        |
| PINE CREEK                  | DEKALB     | RAINBOW | ADULT | 2,203  | 925           | 3                        |
| PINEY CREEK                 | RHEA       | RAINBOW | ADULT | 1,513  | 675           | 3                        |
| POCKET CREEK                | MARION     | RAINBOW | ADULT | 1,507  | 635           | 3                        |
| ROCKY RIVER                 | VANBUREN   | RAINBOW | ADULT | 1,093  | 530           | 3                        |
| SALT LICK CREEK             | MACON      | RAINBOW | ADULT | 730    | 330           | 2                        |
| SEQUATCHIE RIVER            | CUMBERLAND | RAINBOW | ADULT | 1,829  | 815           | 3                        |
| SHELBY PARK LAKE            | DAVIDSON   | RAINBOW | ADULT | 4,392  | 2,128         | 4                        |

**Table 4. (continued)**

|                            |            |         |       |               |               |            |
|----------------------------|------------|---------|-------|---------------|---------------|------------|
| SINK CREEK                 | DEKALB     | RAINBOW | ADULT | 990           | 425           | 3          |
| SULPHUR FORK CREEK         | ROBERTSON  | RAINBOW | ADULT | 1,079         | 502           | 3          |
| STANDING ROCK CREEK        | STEWART    | RAINBOW | ADULT | 904           | 325           | 2          |
| STANDING STONE LAKE        | OVERTON    | RAINBOW | ADULT | 430           | 215           | 1          |
| STONE BRIDGE PARK          | LINCOLN    | RAINBOW | ADULT | 723           | 353           | 3          |
| SWEETEN CREEK              | MARION     | RAINBOW | ADULT | 1,010         | 430           | 3          |
| TIMS FORD TW               | FRANKLIN   | RAINBOW | ADULT | 2,815         | 1,780         | 2          |
| TOWN CREEK                 | MARION     | RAINBOW | ADULT | 806           | 355           | 3          |
| TUMBLING CREEK (HUMPHREYS) | HUMPHREYS  | RAINBOW | ADULT | 1,802         | 800           | 3          |
| UPPER HILLS CREEK          | WARREN     | RAINBOW | ADULT | 885           | 450           | 2          |
| W FORK STONES RIVER        | RUTHERFORD | RAINBOW | ADULT | 1,523         | 664           | 2          |
| WHITEOAK CREEK             | HOUSTON    | RAINBOW | ADULT | 906           | 320           | 2          |
| <b>TOTAL</b>               |            |         |       | <b>83,292</b> | <b>38,686</b> | <b>149</b> |



**Figure 6.** Net production of trout (pounds) from 2011 to 2015 at Flintville Hatchery.  
 Net production = gross production (pounds) – start up (pounds).

## **Buffalo Springs Hatchery**

**Location:** 20-acre site owned by TWRA is near Buffalo Springs in Grainger County.

**Hatchery Operation:** An artesian spring supplies groundwater to the hatchery at an average rate of 3,500 gallons per minute. This water is used in the hatchery building and in the outdoor raceways. Inside the hatchery building there are three egg incubating stacks and 2 fiberglass rearing troughs and there are 23 concrete troughs (3 ft x 15 ft) for fingerling rearing. Outside there are 24 raceways (400 ft x 8 ft) in operation. The flow rate in the outdoor raceways is typically 1,200 gallons per minute.

Rainbow trout eggs are supplied to Buffalo Springs Hatchery by the USFWS national brood system. These eggs are incubated, hatched and reared to about 3 inches in length before being moved to the outside raceways. These fish are reared in outside raceways for up to 14 months until they are ready to be stocked.

Buffalo Springs Hatchery delivers approximately 114,500 5-inch rainbow trout to Erwin State Fish Hatchery where they are grown to stock size. Buffalo Springs Hatchery also provided 30,000 6-inch rainbow trout to the City of Gatlinburg, where these fish are reared and stocked into Gatlinburg streams. The rest of the trout produced at Buffalo Springs Hatchery are stocked into area streams, reservoirs and tailwaters. One driver is dedicated to hauling trout from DHNFB to Tellico Hatchery and to tailwaters and reservoirs of East Tennessee. Both trucks assigned to the hatchery (1,000 and 1,200 pound capacity) made 297 trips in 2015, of these 127 were to haul DHNFB trout.

### **ACCOMPLISHMENTS:**

- Production information (Table 5)
- Locations stocked (Table 6)
- Five-year production summary (Figure 7)

### **Other Activities:**

- Maintain property, vehicles, and structures
- Hatchery tours to public (~500 visitors per year)
- Trout educational programs
- Kids fishing events
- Hunter safety programs

**Table 5. Summary of Buffalo Springs Hatchery:**

|   |           |
|---|-----------|
| <b>Number of Trout Stocked</b>                                | 477,665   |
| <b>Pounds of Trout Stocked</b>                                | 91,269    |
| <b>Total Number of Stocking Trips by Buffalo Springs</b>      | 170       |
| <b>Number of Stocking Trips for DHNFH</b>                     | 127       |
| <b>Estimated Annual Production (lbs)*</b>                     | 86,127    |
| <b>Annual Hatchery Budget (FY14/15)**</b>                     | \$398,938 |
| <b>Estimated Cost per Pound of Production (FY14/15)***</b>    | \$4.63    |
| <b>Estimated Cost per Pound of Trout Stocked (FY14/15)***</b> | \$4.37    |

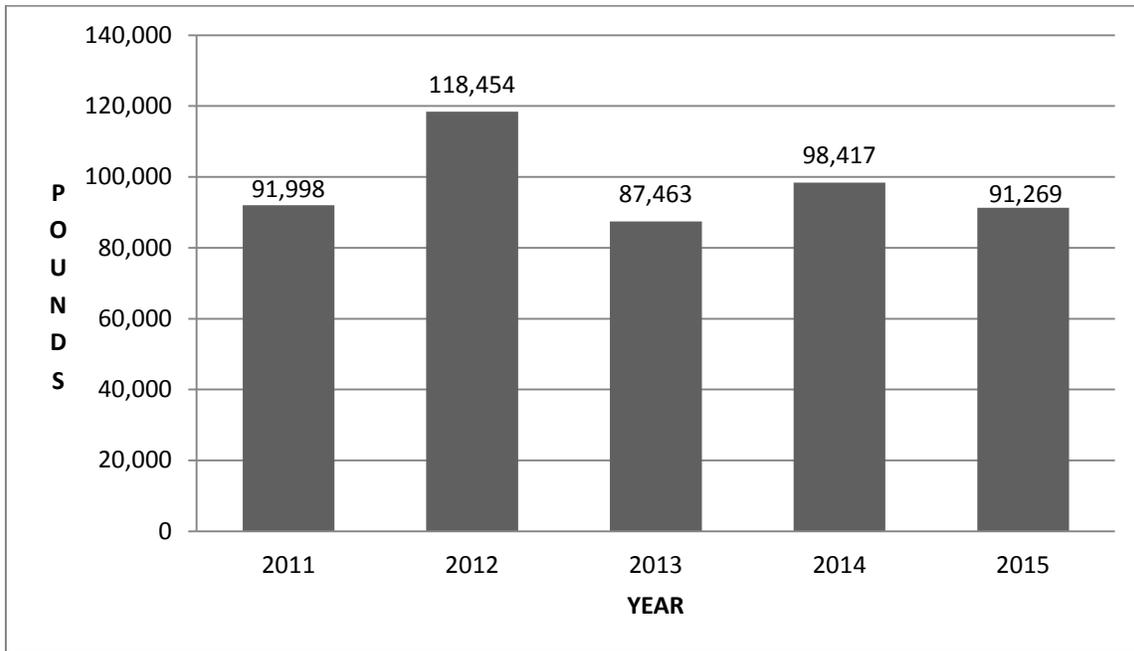
\* Production is estimated as the total pounds stocked plus trout transferred to others hatcheries.

\*\* Buffalo Spring's budget was calculated as the total spent budget (\$477,652) minus An estimated cost for the Dale Hollow driver (\$57,714) and hauling truck (\$21,000) stationed at Buffalo Springs Hatchery.

\*\*\* Cost estimates assume that all money in the budget was spent on trout production. Therefore, this is an overestimation.

**Table 6. Total number and weight of trout stocked from Buffalo Springs Hatchery in Tennessee waters. FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches.**

| Water Stocked             | County    | Species | Stage | Number         | Weight (lbs.) | Number of Stocking Trips |
|---------------------------|-----------|---------|-------|----------------|---------------|--------------------------|
| ALEXANDER CREEK           | HAWKINS   | RAINBOW | ADULT | 2,000          | 1,123         | 6                        |
| BIG CREEK                 | HAWKINS   | RAINBOW | ADULT | 2,500          | 1,225         | 5                        |
| BUFFALO CREEK             | GRAINGER  | RAINBOW | ADULT | 6,635          | 3,243         | 27                       |
| CHEROKEE TW               | GRAINGER  | RAINBOW | ADULT | 3,500          | 1,077         | 1                        |
| CHILHOWEE RES             | BLOUNT    | RAINBOW | ADULT | 9,582          | 1,424         | 1                        |
| CONSERVATION LAKE         | SCOTT     | RAINBOW | ADULT | 1,000          | 526           | 1                        |
| COSBY CREEK               | COCKE     | RAINBOW | ADULT | 4,500          | 2,147         | 9                        |
| FLAT FORK CREEK           | MORGAN    | RAINBOW | ADULT | 1,800          | 802           | 3                        |
| FORT PATRICK HENRY TW     | SULLIVAN  | RAINBOW | FINGL | 7,500          | 220           | 1                        |
| GAP CREEK                 | CLAIBORNE | RAINBOW | ADULT | 1,100          | 543           | 2                        |
| GULF FORK BIG CREEK       | COCKE     | RAINBOW | ADULT | 10,000         | 4,521         | 7                        |
| INDIAN CREEK              | CLAIBORNE | RAINBOW | ADULT | 800            | 369           | 4                        |
| LAUREL CREEK (CAMPBELL)   | CAMPBELL  | RAINBOW | ADULT | 400            | 183           | 2                        |
| LITTLE RIVER              | BLOUNT    | RAINBOW | ADULT | 11,927         | 6,065         | 12                       |
| MIDDLE PRONG PIGEON RIVER | SEVIER    | RAINBOW | ADULT | 10,999         | 5,964         | 14                       |
| NORRIS TW                 | ANDERSON  | RAINBOW | ADULT | 34,424         | 14,709        | 13                       |
| NORTON CREEK              | SEVIER    | RAINBOW | ADULT | 1,000          | 433           | 2                        |
| ONEDIA CITY LAKE          | SCOTT     | RAINBOW | ADULT | 3,000          | 861           | 1                        |
| PANTHER CREEK             | HAMBLEN   | RAINBOW | ADULT | 1,550          | 726           | 4                        |
| PICKETT LAKE              | PICKETT   | RAINBOW | ADULT | 3,000          | 1,383         | 6                        |
| PIGEON RIVER              | COCKE     | RAINBOW | ADULT | 33,337         | 4,910         | 3                        |
| PUNCHEONCAMP CREEK        | GRAINGER  | RAINBOW | ADULT | 1,839          | 792           | 5                        |
| RICHARDSON CREEK          | HANCOCK   | RAINBOW | ADULT | 1,826          | 791           | 5                        |
| S HOLSTON RES             | SULLIVAN  | RAINBOW | ADULT | 48,183         | 15,006        | 10                       |
| S HOLSTON TW              | SULLIVAN  | RAINBOW | FINGL | 49,680         | 1,800         | 2                        |
| STATION CREEK             | CLAIBORNE | RAINBOW | ADULT | 686            | 312           | 4                        |
| TACKETT CREEK             | CLAIBORNE | RAINBOW | ADULT | 500            | 224           | 2                        |
| WATAUGA RES               | CARTER    | LAKE    | FINGL | 22,498         | 1,198         | 1                        |
| WATAUGA RES               | CARTER    | RAINBOW | ADULT | 6,000          | 1,746         | 2                        |
| WILBUR TW                 | CARTER    | RAINBOW | FINGL | 50,000         | 1,820         | 2                        |
| <b>TOTAL</b>              |           |         |       | <b>331,766</b> | <b>76,143</b> | <b>157</b>               |



**Figure 7.** Net production of trout (pounds) from 2011 to 2015 at Buffalo Springs Hatchery. Net production = gross production (pounds) – start up (pounds).

## Erwin State Fish Hatchery

**Location:** 11 acres owned by TWRA in the City of Erwin, Unicoi County.

**Hatchery Operation:** Water from several small springs are collected and distributed through 14 concrete, outdoor raceways. The last renovation of the raceways occurred in 1978. Each raceway is (100 ft x 6 ft). The flow rate is typically 1300 gallons per minute.

Erwin Hatchery starts its typical production cycle with 4-5 inch rainbow trout from Buffalo Springs Hatchery. These fish are received from April-June. The fish are reared in the outside raceways for up to 12 months until they are ready to be stocked into nearby streams. Typically, the adult trout stocking begins in March and lasts through June. Erwin Hatchery stocks trout with one pick-up truck that is typically driven about 15,000 miles a year. Erwin Hatchery delivers trout to about 30 waters in the surrounding seven counties, making 169 deliveries in 2015. Annually, 100,000 adult trout are delivered to area waters.

### ACCOMPLISHMENTS:

- Erwin production information (Table 7)
- Locations stocked (Table 8)
- Five-year production summary (Figure 8)

**Other Activities:**

- Assisted The Tennessee Aquarium with spawning of the Southern Appalachian Brook Trout
- Assisted Tennessee Technological University with Sycamore Creek brook trout sampling
- Assisted Erwin National Hatchery in stocking trout for an anti-drug abuse fishing tournament (“Say Yes To Fishing , No To Drugs”)
- Stocked Erwin National Hatchery’s rainbow and surplus lake trout
- Maintain property, vehicles, and structures
- Replaced old raceway covers with new aluminum frames and netting
- Installed purple martin houses, which attracted adults, resulting in many reared offspring
- Hatchery tours for public (~2,000 visitors per year)
- Trout educational programs
- Assisted with Trout in the Classroom
- Kids fishing events
- Seasonally assist reservoir fish attractor program and crappie trap-netting
- Seasonally assist on bear bait surveys
- Collect & haul fish waste to a local Wildlife Management Area
- Coordinate, stock trout, post signs, for the Paint Creek Delayed Harvest season
- Commissioned Hatchery Manager assisted with Boating and Wildlife Enforcement Details
- Taught Hunter Safety classes in Unicoi County

**Table 7. Summary of Erwin State Fish Hatchery**

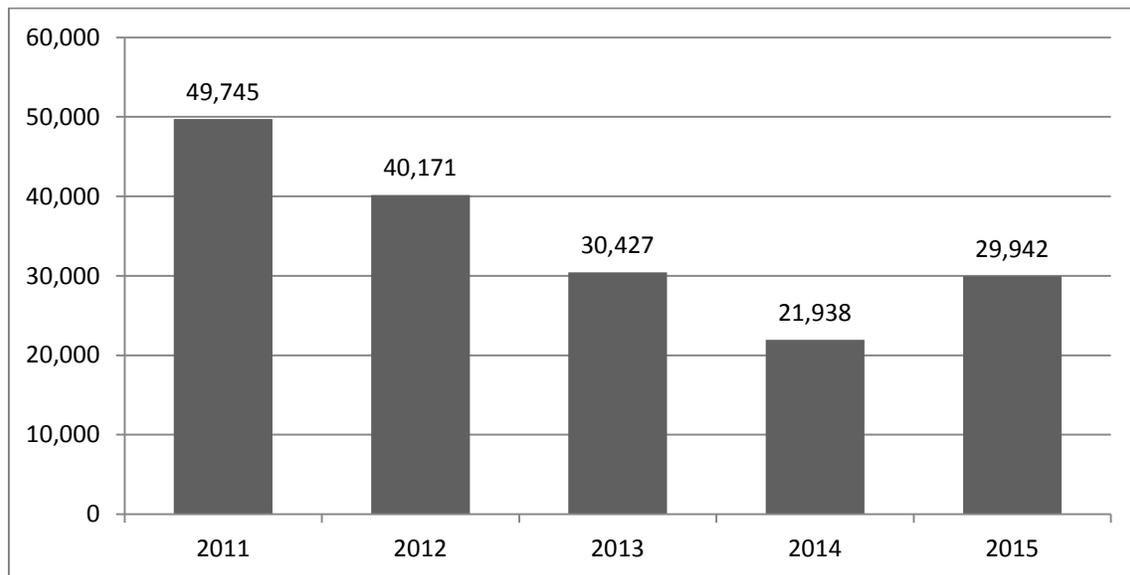
|  |           |
|--|-----------|
| <b>Number of Trout Stocked</b>                               | 85,077    |
| <b>Pounds of Trout Stocked</b>                               | 42,420    |
| <b>Number of Stocking Trips by Erwin drivers</b>             | 169       |
| <b>Estimated Annual Production (lbs)*</b>                    | 29,942    |
| <b>Annual Hatchery Budget (FY14/15)</b>                      | \$238.739 |
| <b>Estimated Cost per Pound of Production (FY14/15)**</b>    | \$7.97    |
| <b>Estimated Cost per Pound of Trout Stocked (FY14/15)**</b> | \$5.63    |

\*Annual production was estimated by subtracting the total pounds stocked in 2015 by the number of pounds provided by Buffalo Springs (12,478 lbs). This estimation affects the values for both production and cost/lb.

\*\*Cost estimates assume that all the money spent in the budget was on trout production. Therefore, this is an overestimation.

**Table 8. Total number and weight of trout stocked from Erwin State Fish Hatchery in Tennessee waters. FINGL = Fingerling 4-6 inch trout; ADULT = trout > 9 inches.**

| Water Stocked          | County   | Species | Stage | Number        | Weight (lbs.) | Number of Stocking Trips |
|------------------------|----------|---------|-------|---------------|---------------|--------------------------|
| BEAVERDAM CREEK        | JOHNSON  | RAINBOW | ADULT | 5,400         | 2,709         | 9                        |
| BRUSH CREEK            | COCKE    | RAINBOW | ADULT | 1,500         | 761           | 5                        |
| CAMP CREEK             | GREENE   | RAINBOW | ADULT | 2,700         | 1,276         | 9                        |
| CLARK CREEK            | UNICOI   | RAINBOW | ADULT | 2,100         | 986           | 7                        |
| DILLARD PONDS          | GREENE   | RAINBOW | ADULT | 4,000         | 2,314         | 11                       |
| DOE CREEK              | JOHNSON  | RAINBOW | ADULT | 2,700         | 1,345         | 9                        |
| DOE RIVER              | CARTER   | RAINBOW | ADULT | 8,400         | 4,114         | 10                       |
| ELK RIVER (CARTER)     | CARTER   | RAINBOW | ADULT | 1,100         | 500           | 2                        |
| FORGE CREEK            | JOHNSON  | RAINBOW | ADULT | 2,200         | 1,092         | 6                        |
| GOOSE CREEK            | JOHNSON  | RAINBOW | ADULT | 1,200         | 750           | 1                        |
| HORSE CREEK            | GREENE   | RAINBOW | ADULT | 4,500         | 2,126         | 9                        |
| LAUREL CREEK (JOHNSON) | JOHNSON  | RAINBOW | ADULT | 3,000         | 1,525         | 9                        |
| LAUREL FORK (CARTER)   | CARTER   | RAINBOW | ADULT | 3,600         | 1,896         | 9                        |
| N INDIAN CREEK         | UNICOI   | RAINBOW | ADULT | 5,050         | 2,352         | 10                       |
| PAINT CREEK            | GREENE   | RAINBOW | ADULT | 7,904         | 3,540         | 10                       |
| REEDY CREEK            | SULLIVAN | RAINBOW | ADULT | 2,000         | 1,000         | 2                        |
| ROCKY CREEK            | UNICOI   | RAINBOW | ADULT | 4,500         | 2,219         | 9                        |
| S INDIAN CREEK         | UNICOI   | RAINBOW | ADULT | 5,400         | 2,522         | 9                        |
| SPIVEY CREEK           | UNICOI   | RAINBOW | ADULT | 2,100         | 964           | 7                        |
| STONY CREEK            | CARTER   | RAINBOW | ADULT | 3,600         | 1,792         | 9                        |
| UPPER ROAN CREEK       | JOHNSON  | RAINBOW | ADULT | 1,200         | 586           | 4                        |
| WILBUR RES             | CARTER   | RAINBOW | ADULT | 4,400         | 2,100         | 9                        |
| <b>TOTAL</b>           |          |         |       | <b>78,554</b> | <b>38,469</b> | <b>165</b>               |



**Figure 8.** Net production of trout (pounds) from 2011 to 2015 at Erwin State Hatchery. Net production = gross production (pounds) – start up (pounds).

## **Tellico Hatchery**

**Location:** Hatchery is located on US Forest Service property in the Cherokee National Forest near the North Carolina border in Monroe County.

**Hatchery Operation:** Surface water from Tellico River, Sycamore Creek, and Pheasant Branch supply an average of 9,236 gallons per minute to outside raceways. Each of the 28 raceways is (55 ft x 8 ft). These raceways were renovated in 1992. Tellico's reliance on stream water creates seasonal and unexpected problems because staff must be prepared to remove debris from the intake structures, especially during storms.

Dale Hollow National Fish Hatchery (DHNFH) delivered 170,000 6-9 inch rainbow and 16,222 brown trout to the Tellico Hatchery in 2015. These fish were grown out to 10-12 inches and stocked at 27 different locations. The brown trout were stocked specifically in the Tellico River, Hiwassee Tailwater and Green Cove Pond. During the March to September stocking season trout are stocked weekly, resulting in high stocking rates and intense fishing pressure on these waters. A small portion of Tellico trout are stocked in Polk County streams. Tellico Hatchery received 20,000 rainbow trout to grow and stock in the Hiwassee River for the October/November delayed harvest season. Hatchery staff transports brood (18-27 inches) rainbow trout from Erwin National Hatchery to waterbodies around the Cumberland Plateau region throughout the year. In 2015 Tellico made 196 stocking trips.

### **ACCOMPLISHMENTS:**

- Production information (Table 9)
- Locations stocked (Table 10)
- Five-year production summary (Figure 9)

### **Other Activities:**

- Spawmed and hatched Southern Appalachian brook trout
- Assisted with sampling of North River and Bald River and four samples of Sycamore Creek
- Assisted with rainbow trout removal on Sycamore Creek
- Remodeled interior of Brook Trout building and installed new roof
- Repaired sink hole and gate valve at Sycamore intake
- Installed small hauling tank on stock truck to haul "Tellico Trophies"
- Repaired and rebuilt crowding screens, dam boards, and splash boards
- Installed heat and air unit in office
- Replaced stairs on Tellico intake

- Made new regulation signs for delayed harvest area and Tellico/Citico permit area
- Removed roots from Pheasant Branch pipe
- Maintain property, vehicles, and structures
- Hatchery tours to public (~50,000 visitors)
- Gave presentations to TN Valley Sportsmen Club and Little River Chapter TU
- Gave presentations and tours to four Trout in the Classroom projects
- Modified leaf boom to make installation easier
- Repaired multiple cracks in raceways
- Participated in Tellico River Clean-up
- Set up “living stream” exhibit and worked informational booth at Hiwassee/Ocoee State Park for Occawassee Festival for two days
- Hauled catfish for Ooltewah Youth Association Kid’s Fishing event
- Set up “living stream” exhibit and worked informational booth at USFS Eco-Days for three days
- Partnered with Project Healing Waters to host a disabled veterans fishing event at Green Cove Pond
- Assisted with Trout Unlimited workday
- Provided trout for Kids fishing events at Spring Creek, McKamey Lake, Athens Rec. Park, Johnson City, and Tellico River
- Assisted with Tellico River Kid’s event
- Participated in Tellico Plains Christmas Parade

**Table 9. Summary of Tellico Fish Hatchery:**

|  |           |
|--|-----------|
| <b>Number of Trout Stocked</b>                             | 160,265   |
| <b>Pounds of Trout Stocked</b>                             | 99,519    |
| <b>Total Number of Stocking Trips</b>                      | 196       |
| <b>Estimated Annual Production (lbs)*</b>                  | 50,064    |
| <b>Annual Hatchery Budget (FY14/15)**</b>                  | \$305,917 |
| <b>Estimated Cost per Pound of Production (FY14/15)***</b> | \$6.11    |
| <b>Estimated Cost per Pound of Trout Stocked**</b>         | \$3.07    |

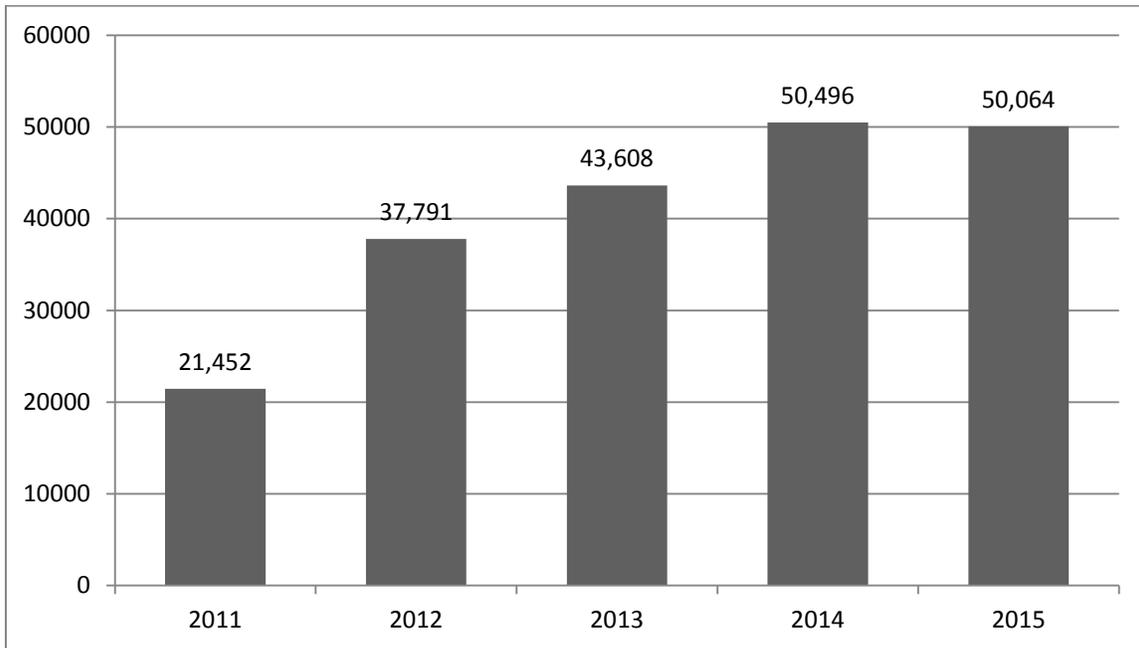
\* Annual production was estimated by subtracting the total pounds stocked in 2015 by the number of pounds received from Dale hollow, Buffalo Springs, and Erwin National hatcheries (49,455 lbs). This estimation affects the values for both production and cost/lb.

\*\* In FY 13/14, a fish food purchase of \$25,000 was processed in the FY 14/15. This action made the FY 14/15 expenditures to be higher.

\*\*\* Cost estimates assume that all money in the hatchery budget was spent on trout production. Therefore, this is an overestimation.

**Table 10. Total number and weight of trout stocked from Tellico Fish Hatchery in Tennessee waters. ADULT = trout > 9 inches.**

|                        |               |                |              |                |               | Number of    |
|------------------------|---------------|----------------|--------------|----------------|---------------|--------------|
|                        |               |                |              |                | Weight        | Stocking     |
| <b>Water Stocked</b>   | <b>County</b> | <b>Species</b> | <b>Stage</b> | <b>Number</b>  | <b>(lbs.)</b> | <b>Trips</b> |
| ATHENS CITY PARK POND  | MCMINN        | RAINBOW        | ADULT        | 717            | 442           | 3            |
| BARREN FORK RIVER      | WARREN        | RAINBOW        | ADULT        | 12             | 36            | 1            |
| BIG LOST CREEK         | POLK          | RAINBOW        | ADULT        | 1,607          | 859           | 14           |
| CANE CREEK (VAN BUREN) | VAN BUREN     | RAINBOW        | ADULT        | 12             | 36            | 1            |
| CENTER HILL TW         | DEKALB        | RAINBOW        | ADULT        | 234            | 483           | 1            |
| CITICO CREEK           | MONROE        | RAINBOW        | ADULT        | 29,722         | 20,773        | 56           |
| COLLINS RIVER          | GRUNDY        | RAINBOW        | ADULT        | 10             | 30            | 1            |
| DALE HOLLOW TW         | CLAY          | RAINBOW        | ADULT        | 200            | 452           | 1            |
| FLAT FORK CREEK        | MORGAN        | RAINBOW        | ADULT        | 10             | 30            | 1            |
| GOFORTH CREEK          | POLK          | RAINBOW        | ADULT        | 1,557          | 835           | 14           |
| GREASY CREEK           | POLK          | RAINBOW        | ADULT        | 1,657          | 884           | 14           |
| GREEN COVE POND        | MONROE        | BROWN          | ADULT        | 150            | 66            | 1            |
| GREEN COVE POND        | MONROE        | RAINBOW        | ADULT        | 10,335         | 6,859         | 73           |
| HIWASSEE TW            | POLK          | BROWN          | ADULT        | 4,669          | 2,159         | 4            |
| HIWASSEE TW            | POLK          | BROOK          | ADULT        | 95             | 266           | 3            |
| HIWASSEE TW            | POLK          | RAINBOW        | ADULT        | 19,403         | 9,594         | 9            |
| LAKE JUNIOR            | HAMILTON      | RAINBOW        | ADULT        | 25             | 75            | 1            |
| MCKAMEY LAKE           | POLK          | RAINBOW        | ADULT        | 412            | 286           | 2            |
| PARKSVILLE RES         | POLK          | RAINBOW        | ADULT        | 3,000          | 1,287         | 1            |
| PARKSVILLE TW          | POLK          | RAINBOW        | ADULT        | 1,658          | 864           | 14           |
| PICKETT LAKE           | PICKETT       | RAINBOW        | ADULT        | 14             | 45            | 1            |
| PINE CREEK             | DEKALB        | RAINBOW        | ADULT        | 12             | 36            | 1            |
| PINEY CREEK            | RHEA          | RAINBOW        | ADULT        | 510            | 335           | 2            |
| SEQUATCHIE RIVER       | CUMBERLAND    | RAINBOW        | ADULT        | 9              | 27            | 1            |
| SPRING CREEK           | POLK          | RAINBOW        | ADULT        | 1,657          | 884           | 14           |
| STANDING STONE LAKE    | OVERTON       | RAINBOW        | ADULT        | 15             | 45            | 1            |
| TELLICO RIVER          | MONROE        | BROWN          | ADULT        | 2,736          | 1,371         | 5            |
| TELLICO RIVER          | MONROE        | RAINBOW        | ADULT        | 70,033         | 46,926        | 116          |
| TUMBLING CREEK         | POLK          | RAINBOW        | ADULT        | 703            | 391           | 6            |
| TURTLETOWN CREEK       | POLK          | RAINBOW        | ADULT        | 954            | 493           | 8            |
| UPPER HILLS CREEK      | WARREN        | RAINBOW        | ADULT        | 4              | 12            | 1            |
| <b>TOTAL</b>           |               |                |              | <b>152,132</b> | <b>96,881</b> | <b>371</b>   |



**Figure 9.** Net production of trout (pounds) from 2011 to 2015 at Tellico Hatchery.  
 Net production = gross production (pounds) – start up (pounds).

## Humboldt Fish Hatchery

**Location:** City of Humboldt, Gibson County, Tennessee

**Hatchery Operation:** This hatchery is one of TWRA’s warmwater hatcheries. During winter, rainbow trout are provided by the Flintville Hatchery which are held in ponds and a raceway system on this facility until the appropriate stocking date. These trout are specifically used for the Winter Trout Stocking Program in West Tennessee.

### ACCOMPLISHMENTS

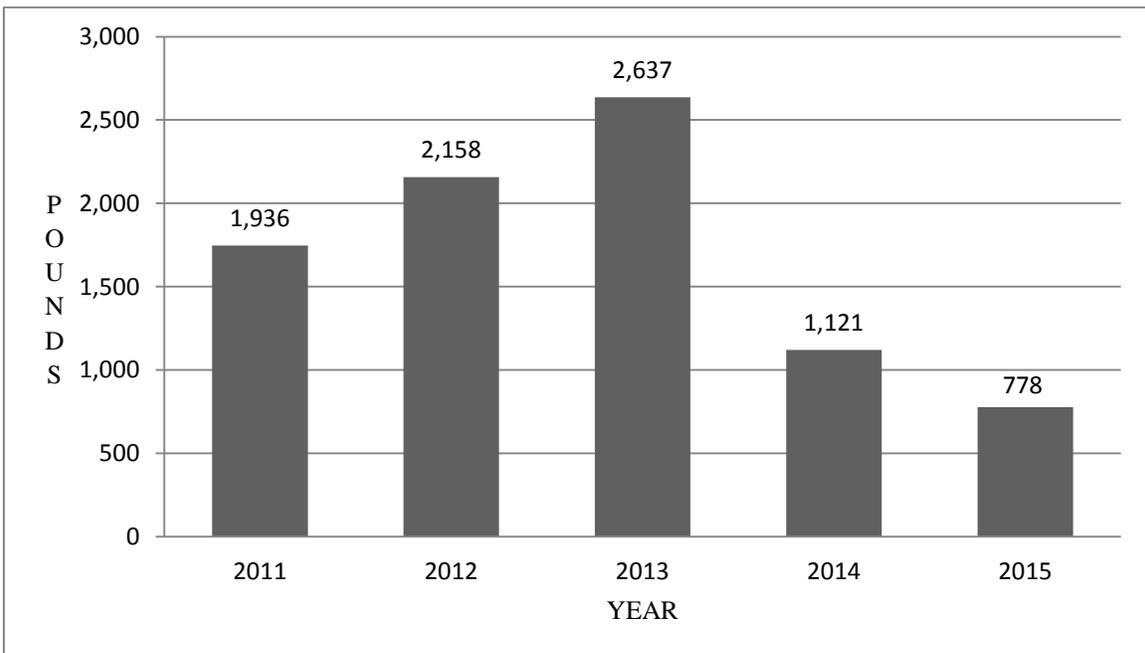
- Production information (Table 11)
- Locations stocked (Table 12)
- Four-year production summary (Figure 10)

**Table 11. Summary of Humboldt Fish Hatchery:**

|   |        |
|---|--------|
| <b>Number of Trout Stocked</b>                      | 12,440 |
| <b>Pounds of Trout Stocked</b>                      | 5,052  |
| <b>Number of Stocking Trips by Humboldt Drivers</b> | 16     |

**Table 12. Total number and weight of trout stocked from Humboldt Fish Hatchery in Tennessee waters. ADULT = trout > 9 inches.**

| Water Stocked           | County    | Species | Stage | Number        | Weight (lbs.) | Number of Stocking Trips |
|-------------------------|-----------|---------|-------|---------------|---------------|--------------------------|
| BEECH LAKE              | HENDERSON | RAINBOW | ADULT | 1012          | 506           | 1                        |
| BOLIVAR PARK            | SHELBY    | RAINBOW | ADULT | 750           | 220           | 1                        |
| CAMERON BROWN LAKE      | SHELBY    | RAINBOW | ADULT | 2,520         | 1,054         | 2                        |
| DAVIS PLANTATION POND   | SHELBY    | RAINBOW | ADULT | 1,002         | 386           | 2                        |
| EDMUND-ORGILL PARK LAKE | SHELBY    | RAINBOW | ADULT | 2,020         | 804           | 2                        |
| MARTIN CITY LAKE        | WEAKLY    | RAINBOW | ADULT | 1,359         | 578           | 2                        |
| MUNFORD CITY PARK       | TIPTON    | RAINBOW | ADULT | 2,023         | 806           | 2                        |
| UNION CITY              | OBION     | RAINBOW | ADULT | 752           | 312           | 2                        |
| YALE ROAD CITY PARK     | SHELBY    | RAINBOW | ADULT | 1,002         | 386           | 2                        |
| <b>TOTAL</b>            |           |         |       | <b>12,440</b> | <b>5,052</b>  | <b>16</b>                |



**Figure 10.** Net production of trout (pounds) from 2011 to 2015 at Humboldt Hatchery. A five-year average startup weight was used because of high variability among calendar year estimates. Net production = gross production (pounds) – start up (pounds).

## Gatlinburg Hatchery

**Location:** Located in Herbert Holt Park on the North side of Gatlinburg in Sevier County.

**Hatchery Operation:** In 1981, the City of Gatlinburg transformed their old waste water treatment plant into a functional trout hatchery. Water from Dudley Creek is pumped into the hatchery's six raceways. In 1995, the facility was upgraded to insure an annual stocking of 30,000-35,000 rainbow trout. Fingerlings are provided by TWRA's Buffalo Springs Hatchery and are grown out to stocking size. These trout are stocked on Thursdays into 12 miles of streams in the city. No fishing is allowed on Thursdays, the stocking day.

### ACCOMPLISHMENTS:

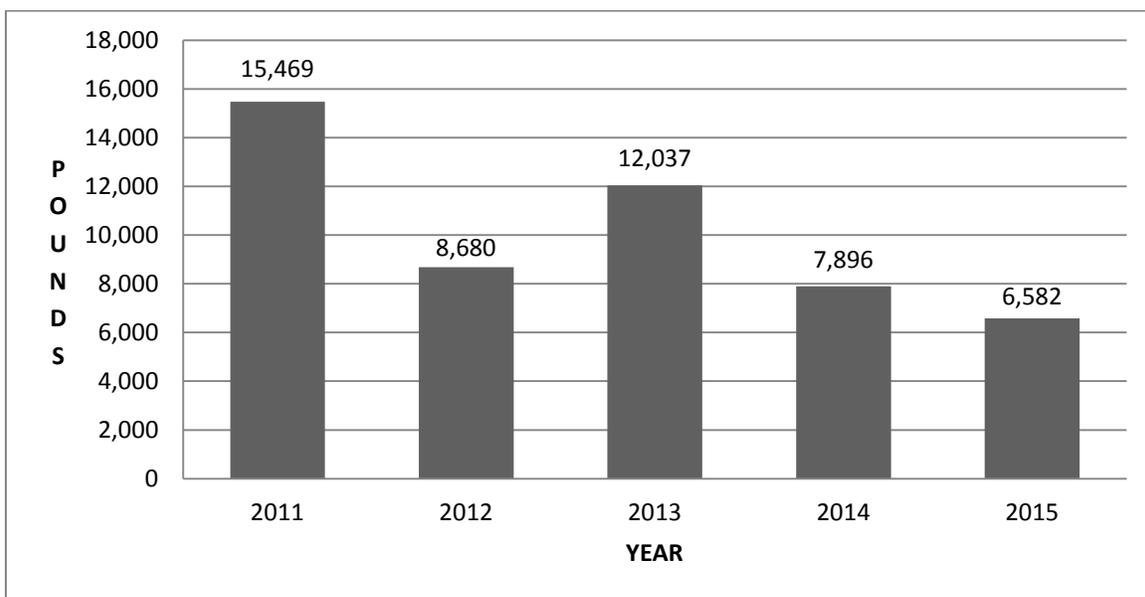
- Gatlinburg production information (Table 13)
- Locations stocked (Table 14)
- Five-year production summary (Figure 11)

**Table 13. Summary of Gatlinburg Fish Hatchery:**

|   |        |
|---|--------|
| <b>Number of Trout Stocked</b>                        | 22,549 |
| <b>Pounds of Trout Stocked</b>                        | 10,082 |
| <b>Number of Stocking Trips by Gatlinburg Drivers</b> | 77     |

**Table 14. Total number and weight of trout stocked from Gatlinburg Fish Hatchery in Tennessee waters. ADULT = trout > 9 inches.**

| Water Stocked               | County | Species | Stage | Number        | Weight (lbs.) | Number of Stocking Trips |
|-----------------------------|--------|---------|-------|---------------|---------------|--------------------------|
| LECONTE CREEK               | SEVIER | RAINBOW | ADULT | 490           | 220           | 11                       |
| ROARING FORK                | SEVIER | RAINBOW | ADULT | 1,235         | 555           | 21                       |
| W PRONG LITTLE PIGEON RIVER | SEVIER | RAINBOW | ADULT | 20,824        | 9,307         | 45                       |
| <b>TOTAL</b>                |        |         |       | <b>22,549</b> | <b>10,082</b> | <b>77</b>                |



**Figure 11.** Net production of trout (pounds) from 2011 to 2015 at Gatlinburg Hatchery. Net production = gross production (pounds) – start up (pounds).

## **Dale Hollow National Fish Hatchery (DHNFH) - USFWS**

**Location:** Celina, Tennessee, below Dale Hollow Reservoir.

**Hatchery Operation:** This hatchery is owned and operated by the USFWS. This hatchery produces most of its fish for Tennessee, but they also supply fish to North Carolina and Alabama.

TWRA coordinates DHNFH’s Tennessee stocking. This process involves the Fisheries Division, Regional Fisheries Managers, and the full-time driver at Buffalo Springs Hatchery. DHNFH provides trout to Tennessee for two reasons: 1) to mitigate for the loss of local fisheries caused by federal dams, and 2) because TWRA paid for the expansion of this hatchery in 1992. Since 1994, TWRA pays \$100,000 annually to maintain production of an additional 100,000 lbs of trout to be used in Tennessee.

Dale Hollow Hatchery is much larger than TWRA hatcheries, producing over half of the trout stocked in Tennessee. DHNFH’s water source is Dale Hollow Reservoir. It has 1,600 ft of 4-ft raceways for rearing small trout and 8,800 ft of 8-ft raceways for rearing larger trout. Eggs are provided from a variety of hatcheries through the USFWS egg distribution system. Unlike TWRA hatcheries, DHNFH routinely raises brown and lake trout in addition to rainbow and brook trout. TWRA hatcheries have not been successful at rearing brown and lake trout due to their limited space and water supply.

DHNFH uses two stocking trucks and help from the full-time driver from Buffalo Springs Hatchery to stock reservoirs, tailwaters, and Winter Trout Program locations. Occasionally, other TWRA hatchery trucks and personnel are used to transport trout to stocking sites and to the Humboldt Hatchery for future stocking. DHNFH does not typically stock smaller streams. DHNFH supplied approximately 187,242 trout to TWRA’s Tellico Hatchery in 2015.

**ACCOMPLISHMENTS**

- Dale Hollow production information (Table 15)
- Five-year production summary (Figure 12)
- Locations stocked (Table 16)

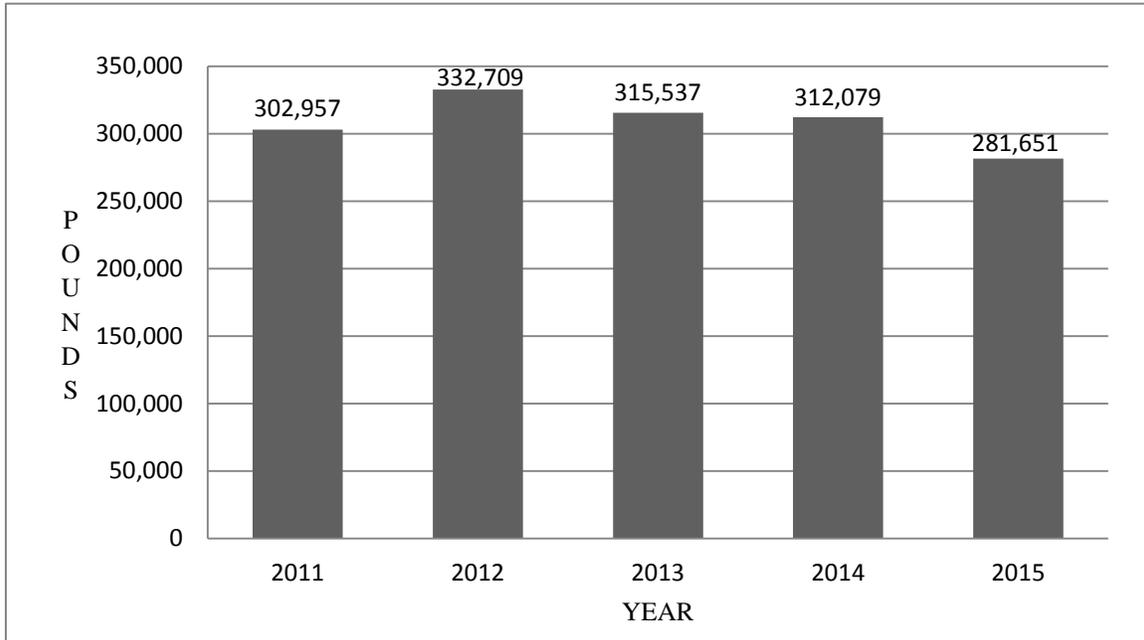
**Other Tennessee Activities:**

- Hatchery tours to public
- Kids fishing events and Biologist-in-Training Program for fourth and fifth grade students
- Grow-out and distribution of Barren’s topminnow (Federally Endangered Species)
- Cooperates with TWRA on trout stocking evaluations

**Table 15. Summary of Dale Hollow National Fish Hatchery:**

|  |           |
|--|-----------|
| <b>Number of Trout Stocked</b>                       | 1,341,458 |
| <b>Pounds of Trout Stocked</b>                       | 281,651   |
| <b>Pounds Provided to Tellico Hatchery</b>           | 42,450    |
| <b>Number of Stocking Trips by DHNFH</b>             | 218       |
| <b>Number of Stocking Trips by TWRA</b>              | 102       |
| <b>Annual Production for Tennessee (by contract)</b> | 100,000   |
| <b>Est. Annual cost to TWRA for 100,000 pounds*</b>  | \$178,714 |
| <b>TWRA’s cost/lb to contract 100,000 pounds</b>     | \$1.79    |

\* \$100,000 contract plus cost of driver and hauling truck at Buffalo Springs Hatchery.



**Figure 12.** Pounds of trout produced for Tennessee from 2011 to 2015 at Dale Hollow NFH.

**Table 16. Total number and weight of trout stocked from Dale Hollow NFH in Tennessee waters. FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches**

| Water Stocked             | County     | Species | Stage | Number  | Weight (lbs.) | Number of Stocking Trips |
|---------------------------|------------|---------|-------|---------|---------------|--------------------------|
| ATHENS CITY PARK POND     | MCMINN     | RAINBOW | ADULT | 2,011   | 651           | 1                        |
| BOONE TW                  | SULLIVAN   | BROWN   | ADULT | 5,005   | 990           | 1                        |
| BOONE TW                  | SULLIVAN   | RAINBOW | ADULT | 5,001   | 1,556         | 1                        |
| BOONE TW                  | WASHINGTON | RAINBOW | ADULT | 9,027   | 2,387         | 2                        |
| CALDERWOOD RES            | BLOUNT     | RAINBOW | ADULT | 7,022   | 2,098         | 3                        |
| CANE CREEK PARK LAKE      | PUTNAM     | RAINBOW | ADULT | 6,506   | 2,202         | 3                        |
| CENTER HILL TW            | DEKALB     | BROWN   | FINGL | 50,008  | 1,725         | 4                        |
| CENTER HILL TW            | DEKALB     | BROWN   | ADULT | 34,108  | 5,321         | 9                        |
| CENTER HILL TW            | DEKALB     | RAINBOW | ADULT | 115,518 | 38,529        | 50                       |
| CHEROKEE TW               | GRAINGER   | BROWN   | ADULT | 14,999  | 2,653         | 2                        |
| CHEROKEE TW               | GRAINGER   | RAINBOW | ADULT | 15,429  | 5,092         | 4                        |
| CHILHOWEE RES             | BLOUNT     | RAINBOW | ADULT | 8,007   | 2,625         | 3                        |
| CHILHOWEE RES             | BLOUNT     | LAKE    | FINGL | 12,583  | 664           | 1                        |
| CUMBERLAND MT. STATE PARK | CUMBERLAND | RAINBOW | ADULT | 2,999   | 1,056         | 1                        |
| DALE HOLLOW RES           | CLAY       | RAINBOW | ADULT | 76,506  | 25,032        | 36                       |
| DALE HOLLOW TW            | CLAY       | BROWN   | ADULT | 5,007   | 780           | 1                        |
| DALE HOLLOW TW            | CLAY       | RAINBOW | ADULT | 56,677  | 19,721        | 62                       |
| FORT CAMPBELL             | MONTGOMERY | RAINBOW | ADULT | 2,411   | 805           | 3                        |
| FORT PATRICK HENRY TW     | SULLIVAN   | BROWN   | ADULT | 7,670   | 1,246         | 3                        |
| FORT PATRICK HENRY TW     | SULLIVAN   | RAINBOW | ADULT | 12,897  | 3,897         | 5                        |
| HIWASSEE TW               | POLK       | BROWN   | ADULT | 6,794   | 1,192         | 2                        |
| HIWASSEE TW               | POLK       | RAINBOW | ADULT | 52,823  | 17,444        | 14                       |

**Table 16. (continued)**

|                          |            |         |       |                  |                |            |
|--------------------------|------------|---------|-------|------------------|----------------|------------|
| J PERCY PRIEST TW        | DAVIDSON   | RAINBOW | ADULT | 14,022           | 4,819          | 5          |
| LAFAYETTE CITY PARK LAKE | MACON      | RAINBOW | ADULT | 1,503            | 527            | 2          |
| LAKE JUNIOR              | HAMILTON   | RAINBOW | ADULT | 9,512            | 2,261          | 4          |
| MCKENZIE CITY PARK LAKE  | CARROLL    | RAINBOW | ADULT | 992              | 329            | 2          |
| NORMANDY TW              | BEDFORD    | RAINBOW | ADULT | 23,533           | 7,940          | 11         |
| NORRIS TW                | ANDERSON   | BROWN   | FINGL | 20,024           | 538            | 1          |
| NORRIS TW                | ANDERSON   | BROWN   | ADULT | 5,322            | 935            | 2          |
| NORRIS TW                | ANDERSON   | RAINBOW | FINGL | 160,024          | 4,512          | 6          |
| PARIS CITY PARK          | HENRY      | RAINBOW | ADULT | 501              | 176            | 1          |
| PICKETT LAKE             | PICKETT    | RAINBOW | ADULT | 1,017            | 326            | 1          |
| S HOLSTON RES            | SULLIVAN   | LAKE    | FINGL | 82,515           | 4,868          | 9          |
| S HOLSTON RES            | SULLIVAN   | BROWN   | FINGL | 25,012           | 2,472          | 3          |
| S HOLSTON RES            | SULLIVAN   | RAINBOW | ADULT | 5,001            | 1,568          | 1          |
| S HOLSTON TW             | SULLIVAN   | RAINBOW | ADULT | 39,773           | 13,427         | 12         |
| TELLICO RES              | MONROE     | RAINBOW | ADULT | 6,522            | 2,076          | 2          |
| TIMS FORD TW             | FRANKLIN   | BROWN   | ADULT | 19,999           | 3,410          | 4          |
| TIMS FORD TW             | FRANKLIN   | RAINBOW | ADULT | 28,090           | 9,411          | 9          |
| W FORK STONES RIVER      | RUTHERFORD | RAINBOW | ADULT | 8,032            | 2,801          | 4          |
| WATAUGA RES              | CARTER     | BROWN   | FINGL | 20,082           | 1,912          | 2          |
| WATAUGA RES              | CARTER     | BROWN   | ADULT | 14,991           | 2,533          | 3          |
| WATAUGA RES              | CARTER     | RAINBOW | ADULT | 46,873           | 14,589         | 11         |
| WATAUGA RES              | CARTER     | LAKE    | FINGL | 54,804           | 3,013          | 4          |
| WILBUR RES               | CARTER     | BROWN   | FINGL | 5,062            | 430            | 1          |
| WILBUR TW                | CARTER     | RAINBOW | ADULT | 40,013           | 13,462         | 11         |
| WOLF RIVER               | FENTRESS   | RAINBOW | ADULT | 2,263            | 760            | 3          |
| TOTAL                    |            |         |       | <b>1,144,490</b> | <b>236,761</b> | <b>325</b> |
|                          |            |         |       |                  |                |            |

## Erwin National Fish Hatchery - USFWS

**Location:** City of Erwin, Unicoi County, Tennessee.

**Hatchery Operation:** Erwin National Fish Hatchery (ENFH) is one of several broodstock facilities managed by the USFWS across the country. These facilities maintain a disease-free source of eggs for federal and state fish hatcheries. These hatcheries raise trout to maturity (over 2 years), then use these trout to produce fertilized eggs that are sent around the country as requested. They use some of the eggs to replace the adults that have already been used for spawning. The fish that are no longer useful for egg production are stocked into a few nearby streams and other locations requested by TWRA. The ENFH also provides a number of these fish to the Cherokee Nation in Cherokee, North Carolina.

The trout stocked by ENFH are large, usually 14 to 20 inches in length, so local anglers are pleased to catch these fish. Erwin State Fish Hatchery often stocks these fish for ENFH. TWRA's involvement allows these fish to be spread over more locations.

## ACCOMPLISHMENTS

- Production information (Table 17)
- Locations stocked (Table 18)
- Five year production summary (Figure 13)

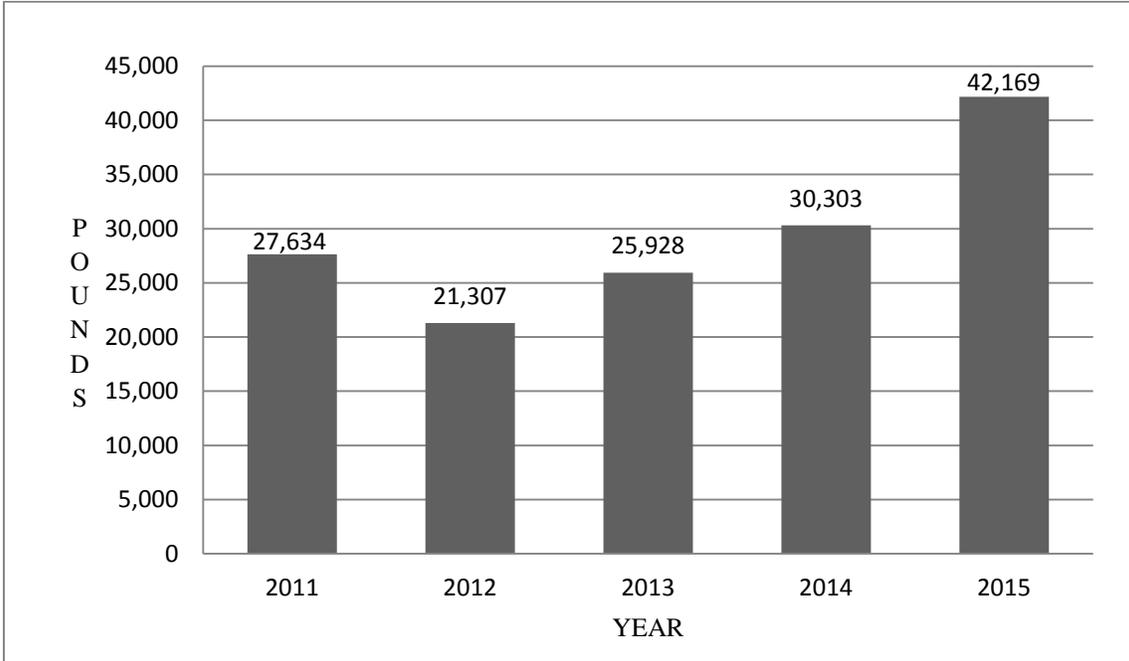
**Table 17. Summary of Erwin National Fish Hatchery:**

|  |        |
|--|--------|
| <b>Number of Trout Stocked</b>                   | 34,067 |
| <b>Pounds of Trout Stocked</b>                   | 42,169 |
| <b>Number of Stocking Trips by Erwin Drivers</b> | 46     |

**Table 18. Total number and weight of trout stocked from Erwin National Fish Hatchery in Tennessee waters. FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 12 inches.\***

| Water Stocked           | County     | Species | Stage | Number        | Weight (lbs.) | Number of Stocking Trips* |
|-------------------------|------------|---------|-------|---------------|---------------|---------------------------|
| BUFFALO CREEK           | GRAINGER   | RAINBOW | ADULT | 668           | 1643          | 2                         |
| CHEROKEE TW             | GRAINGER   | RAINBOW | ADULT | 810           | 2009          | 2                         |
| DILLARD PONDS           | GREENE     | RAINBOW | ADULT | 250           | 625           | 1                         |
| DOE RIVER               | CARTER     | RAINBOW | ADULT | 75            | 188           | 1                         |
| HIWASSEE TW             | POLK       | RAINBOW | ADULT | 1,408         | 3,342         | 2                         |
| JOHNSON CITY FISH DERBY | WASHINGTON | RAINBOW | ADULT | 2,000         | 3,375         | 2                         |
| N INDIAN CREEK          | UNICOI     | RAINBOW | ADULT | 3,799         | 4,224         | 3                         |
| NOLICHUCKY RIVER        | UNICOI     | RAINBOW | ADULT | 2,330         | 5,880         | 4                         |
| NOLICHUCKY RIVER        | UNICOI     | RAINBOW | FINGL | 4,568         | 182           | 1                         |
| PAINT CREEK             | GREENE     | RAINBOW | ADULT | 1,090         | 2,798         | 5                         |
| S HOLSTON TW            | SULLIVAN   | RAINBOW | ADULT | 319           | 785           | 1                         |
| S INDIAN CREEK          | UNICOI     | RAINBOW | ADULT | 1,850         | 1,156         | 1                         |
| S INDIAN CREEK          | UNICOI     | RAINBOW | FINGL | 4,493         | 149           | 1                         |
| VA MT. HOME POND        | WASHINGTON | RAINBOW | ADULT | 300           | 789           | 1                         |
| WATAUGA RES             | CARTER     | RAINBOW | ADULT | 1,455         | 3,581         | 4                         |
| WATAUGA RES             | CARTER     | RAINBOW | FINGL | 4,150         | 143           | 1                         |
| WILBUR RES              | CARTER     | RAINBOW | ADULT | 1,737         | 4,295         | 4                         |
| <b>TOTAL</b>            |            |         |       | <b>31,302</b> | <b>35,164</b> | <b>36</b>                 |

\*Includes some trips made by Erwin State Fish Hatchery.



**Figure 13.** Production of trout (pounds) stocked in Tennessee from 2011 to 2015 by Erwin National Fish Hatchery.

## Appendix A

### Stocking Totals by Program Type (Includes all State and Federal Hatcheries)

#### Tailwater Stocking Totals - 2015

**FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches.**

| Water Stocked         | County     | Species | Stage | Number         | Weight (lbs.)  | Number of Stocking Trips |
|-----------------------|------------|---------|-------|----------------|----------------|--------------------------|
| BOONE TW              | SULLIVAN   | BROWN   | ADULT | 5,005          | 990            | 1                        |
| BOONE TW              | SULLIVAN   | RAINBOW | ADULT | 5,001          | 1,556          | 1                        |
| BOONE TW              | WASHINGTON | RAINBOW | ADULT | 9,027          | 2,387          | 2                        |
| BOONE TW              | WASHINGTON | BROWN   | ADULT | 5,012          | 885            | 1                        |
| CENTER HILL TW        | DEKALB     | BROWN   | FINGL | 50,008         | 1,725          | 4                        |
| CENTER HILL TW        | DEKALB     | BROWN   | ADULT | 34,108         | 5,321          | 9                        |
| CENTER HILL TW        | DEKALB     | RAINBOW | ADULT | 115,752        | 39,012         | 51                       |
| CHEROKEE TW           | GRAINGER   | BROWN   | ADULT | 14,999         | 2,653          | 2                        |
| CHEROKEE TW           | GRAINGER   | RAINBOW | ADULT | 19,739         | 8,178          | 7                        |
| DALE HOLLOW TW        | CLAY       | RAINBOW | ADULT | 56,877         | 20,173         | 63                       |
| DALE HOLLOW TW        | CLAY       | BROWN   | ADULT | 5,007          | 780            | 1                        |
| FORT PATRICK HENRY TW | SULLIVAN   | BROWN   | ADULT | 7,670          | 1,246          | 2                        |
| FORT PATRICK HENRY TW | SULLIVAN   | RAINBOW | FINGL | 7,500          | 220            | 1                        |
| FORT PATRICK HENRY TW | SULLIVAN   | RAINBOW | ADULT | 12,897         | 3,897          | 5                        |
| HIWASSEE TW           | POLK       | RAINBOW | ADULT | 39,840         | 14,739         | 13                       |
| HIWASSEE TW           | POLK       | BROWN   | ADULT | 9,295          | 2,361          | 5                        |
| HIWASSEE TW           | POLK       | BROOK   | ADULT | 45             | 116            | 2                        |
| NORMANDY TW           | BEDFORD    | RAINBOW | ADULT | 23,708         | 8,400          | 12                       |
| NORRIS TW             | ANDERSON   | RAINBOW | FINGL | 160,024        | 4,512          | 6                        |
| NORRIS TW             | ANDERSON   | RAINBOW | ADULT | 34,424         | 14,709         | 13                       |
| NORRIS TW             | ANDERSON   | BROWN   | ADULT | 5,322          | 935            | 2                        |
| NORRIS TW             | ANDERSON   | BROWN   | FINGL | 20,024         | 538            | 1                        |
| PARKSVILLE TW         | POLK       | RAINBOW | ADULT | 1,658          | 864            | 14                       |
| S HOLSTON TW          | SULLIVAN   | RAINBOW | FINGL | 49,680         | 1,800          | 2                        |
| S HOLSTON TW          | SULLIVAN   | RAINBOW | ADULT | 40,092         | 14,212         | 13                       |
| TIMS FORD TW          | FRANKLIN   | BROWN   | ADULT | 19,999         | 3,410          | 4                        |
| TIMS FORD TW          | FRANKLIN   | RAINBOW | ADULT | 30,905         | 11,191         | 11                       |
| WILBUR RES            | CARTER     | RAINBOW | ADULT | 7,137          | 6,843          | 14                       |
| WILBUR RES            | CARTER     | BROWN   | FINGL | 5,026          | 430            | 1                        |
| WILBUR TW             | CARTER     | RAINBOW | ADULT | 40,013         | 13,462         | 11                       |
| WILBUR TW             | CARTER     | RAINBOW | FINGL | 50,000         | 1,820          | 2                        |
| <b>TOTAL</b>          |            |         |       | <b>885,794</b> | <b>189,365</b> | <b>276</b>               |

### Reservoir Stocking Totals – 2015\*

**FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches**

| Water Stocked   | County   | Species | Stage | Number         | Weight (lbs.) | Number of Stocking Trips |
|-----------------|----------|---------|-------|----------------|---------------|--------------------------|
| CALDERWOOD RES  | BLOUNT   | RAINBOW | ADULT | 3,500          | 1,944         | 1                        |
| CALDERWOOD RES  | MONROE   | RAINBOW | ADULT | 7,022          | 2,098         | 3                        |
| CHILHOWEE RES   | BLOUNT   | RAINBOW | ADULT | 17,589         | 4,049         | 4                        |
| CHILHOWEE RES   | BLOUNT   | RAINBOW | FINGL | 12,583         | 664           | 1                        |
| DALE HOLLOW RES | CLAY     | RAINBOW | ADULT | 76,506         | 25,032        | 36                       |
| PARKSVILLE RES  | POLK     | RAINBOW | ADULT | 3,000          | 1,287         | 1                        |
| S HOLSTON RES   | SULLIVAN | RAINBOW | ADULT | 53,184         | 16,574        | 11                       |
| S HOLSTON RES   | SULLIVAN | LAKE    | FINGL | 82,515         | 4,868         | 4                        |
| S HOLSTON RES   | SULLIVAN | BROWN   | FINGL | 25,012         | 2,472         | 2                        |
| S HOLSTON RES   | SULLIVAN | BROWN   | ADULT | 2,000          | 2,000         | 1                        |
| TELLICO RES     | MONROE   | RAINBOW | ADULT | 6,522          | 2,076         | 2                        |
| WATAUGA RES     | CARTER   | BROWN   | ADULT | 14,991         | 2,533         | 3                        |
| WATAUGA RES     | CARTER   | BROWN   | FINGL | 20,082         | 1,912         | 2                        |
| WATAUGA RES     | CARTER   | LAKE    | FINGL | 77,302         | 4,211         | 5                        |
| WATAUGA RES     | CARTER   | RAINBOW | ADULT | 54,328         | 19,916        | 17                       |
| WATAUGA RES     | CARTER   | RAINBOW | FINGL | 4,150          | 143           | 1                        |
| <b>TOTAL</b>    |          |         |       | <b>460,286</b> | <b>91,779</b> | <b>94</b>                |

\* Above totals are used to show which reservoirs were stocked in the 2015 calendar year. However, reservoirs are stocked December through January, depending on weather and size of trout, therefore calendar year totals can be misleading. For example, TWRA could stock a reservoir in December, and then stock it 13 months later in the following January. From a calendar year perspective, it would appear that TWRA skipped a year, when in fact each winter that reservoir received similar numbers of trout.

## Streams and Lakes Stocked in Spring and Summer – 2015

**FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches.**

|                           |            |         |       |        |       |    |
|---------------------------|------------|---------|-------|--------|-------|----|
| HOUSE CREEK               | GREENE     | RAINBOW | ADULT | 4,500  | 2,126 | 9  |
| HURRICANE CREEK           | HOUSTON    | RAINBOW | ADULT | 1,328  | 470   | 2  |
| HURRICANE CREEK           | HUMPHREYS  | RAINBOW | ADULT | 2,674  | 1,200 | 3  |
| INDIAN CREEK              | CLAIBORNE  | RAINBOW | ADULT | 800    | 369   | 4  |
| LAUREL CREEK              | JOHNSON    | RAINBOW | ADULT | 3,000  | 1,525 | 9  |
| LAUREL CREEK              | VANBURREN  | RAINBOW | ADULT | 804    | 395   | 3  |
| LAUREL FORK               | CAMPBELL   | RAINBOW | ADULT | 400    | 183   | 2  |
| LAUREL FORK               | CARTER     | RAINBOW | ADULT | 3,600  | 1,896 | 9  |
| LITTLE BUFFALO RIVER      | LAWRENCE   | RAINBOW | ADULT | 3,029  | 1,290 | 4  |
| LITTLE RIVER              | BLOUNT     | RAINBOW | ADULT | 11,927 | 6,065 | 12 |
| LITTLE SEQUATCHIE RIVER   | MARION     | RAINBOW | ADULT | 1,765  | 800   | 3  |
| MCKAMEY LAKE              | POLK       | RAINBOW | ADULT | 412    | 286   | 2  |
| MIDDLE PRONG PIGEON RIVER | SEVIER     | RAINBOW | ADULT | 10,999 | 5,964 | 14 |
| MILL CREEK                | HICKMAN    | RAINBOW | ADULT | 3,127  | 1,610 | 4  |
| MOUNTAIN CREEK            | WARREN     | RAINBOW | ADULT | 500    | 215   | 2  |
| N BARREN FORK CREEK       | WARREN     | RAINBOW | ADULT | 800    | 345   | 3  |
| N CHICKAMAUGA CREEK       | HAMILTON   | RAINBOW | ADULT | 871    | 355   | 3  |
| N INDIAN CREEK            | UNICOI     | RAINBOW | ADULT | 8,849  | 6,576 | 13 |
| NOLICHUCKY RIVER          | UNICOI     | RAINBOW | ADULT | 2,330  | 5,880 | 4  |
| NOLICHUCKY RIVER          | UNICOI     | RAINBOW | FINGL | 4,568  | 182   | 1  |
| PAINT CREEK               | GREENE     | RAINBOW | ADULT | 5,500  | 2,940 | 9  |
| PANTHER CREEK             | HAMBLÉN    | RAINBOW | ADULT | 1,550  | 726   | 4  |
| PICKETT LAKE              | PICKETT    | RAINBOW | ADULT | 4,032  | 1,754 | 8  |
| PIGEON RIVER              | COCKE      | RAINBOW | FINGL | 33,337 | 4,910 | 3  |
| PINE CREEK                | DEKALB     | RAINBOW | ADULT | 2,215  | 961   | 4  |
| PINEY CREEK               | RHEA       | RAINBOW | ADULT | 1,523  | 705   | 4  |
| POCKET CREEK              | MADISON    | RAINBOW | ADULT | 1,507  | 635   | 3  |
| PUNCHEONCAMP REEK         | GRAINGER   | RAINBOW | ADULT | 1,839  | 792   | 5  |
| RICHARDSON CREEK          | HANCOCK    | RAINBOW | ADULT | 1,826  | 791   | 5  |
| ROCKY FORK                | UNICOI     | RAINBOW | ADULT | 4,500  | 2,219 | 9  |
| ROCKY RIVER               | VANBURREN  | RAINBOW | ADULT | 1,093  | 530   | 3  |
| S INDIAN CREEK            | UNICOI     | RAINBOW | ADULT | 7,250  | 3,678 | 10 |
| S INDIAN CREEK            | UNICOI     | RAINBOW | FINGL | 4,493  | 149   | 1  |
| SALT LICK CREEK           | MACON      | RAINBOW | ADULT | 730    | 330   | 2  |
| SEQUATCHIE RIVER          | CUMBERLAND | RAINBOW | ADULT | 1,838  | 842   | 4  |
| SINK CREEK                | DEKALB     | RAINBOW | ADULT | 990    | 425   | 3  |
| SPIVEY CREEK              | UNICOI     | RAINBOW | ADULT | 2,100  | 964   | 7  |
| SPRING CREEK              | POLK       | RAINBOW | ADULT | 1,657  | 884   | 14 |
| STANDING ROCK CREEK       | PERRY      | RAINBOW | ADULT | 448    | 165   | 1  |
| STANDING ROCK CREEK       | STEWART    | RAINBOW | ADULT | 456    | 160   | 1  |
| STANDING STONE LAKE       | OVERTON    | RAINBOW | ADULT | 445    | 260   | 2  |
| STATION CREEK             | CLAIBORNE  | RAINBOW | ADULT | 686    | 312   | 4  |
| STONY CREEK               | CARTER     | RAINBOW | ADULT | 3,600  | 1,792 | 9  |

### Streams and Lakes Stocked in Spring and Summer – 2015 (Continued)

|                           |            |         |       |        |       |    |
|---------------------------|------------|---------|-------|--------|-------|----|
| HOUSE CREEK               | GREENE     | RAINBOW | ADULT | 4,500  | 2,126 | 9  |
| HURRICANE CREEK           | HOUSTON    | RAINBOW | ADULT | 1,328  | 470   | 2  |
| HURRICANE CREEK           | HUMPHREYS  | RAINBOW | ADULT | 2,674  | 1,200 | 3  |
| INDIAN CREEK              | CLAIBORNE  | RAINBOW | ADULT | 800    | 369   | 4  |
| LAUREL CREEK              | JOHNSON    | RAINBOW | ADULT | 3,000  | 1,525 | 9  |
| LAUREL CREEK              | VANBURREN  | RAINBOW | ADULT | 804    | 395   | 3  |
| LAUREL FORK               | CAMPBELL   | RAINBOW | ADULT | 400    | 183   | 2  |
| LAUREL FORK               | CARTER     | RAINBOW | ADULT | 3,600  | 1,896 | 9  |
| LITTLE BUFFALO RIVER      | LAWRENCE   | RAINBOW | ADULT | 3,029  | 1,290 | 4  |
| LITTLE RIVER              | BLOUNT     | RAINBOW | ADULT | 11,927 | 6,065 | 12 |
| LITTLE SEQUATCHIE RIVER   | MARION     | RAINBOW | ADULT | 1,765  | 800   | 3  |
| MCKAMEY LAKE              | POLK       | RAINBOW | ADULT | 412    | 286   | 2  |
| MIDDLE PRONG PIGEON RIVER | SEVIER     | RAINBOW | ADULT | 10,999 | 5,964 | 14 |
| MILL CREEK                | HICKMAN    | RAINBOW | ADULT | 3,127  | 1,610 | 4  |
| MOUNTAIN CREEK            | WARREN     | RAINBOW | ADULT | 500    | 215   | 2  |
| N BARREN FORK CREEK       | WARREN     | RAINBOW | ADULT | 800    | 345   | 3  |
| N CHICKAMAUGA CREEK       | HAMILTON   | RAINBOW | ADULT | 871    | 355   | 3  |
| N INDIAN CREEK            | UNICOI     | RAINBOW | ADULT | 8,849  | 6,576 | 13 |
| NOLICHUCKY RIVER          | UNICOI     | RAINBOW | ADULT | 2,330  | 5,880 | 4  |
| NOLICHUCKY RIVER          | UNICOI     | RAINBOW | FINGL | 4,568  | 182   | 1  |
| PAINT CREEK               | GREENE     | RAINBOW | ADULT | 5,500  | 2,940 | 9  |
| PANTHER CREEK             | HAMBLÉN    | RAINBOW | ADULT | 1,550  | 726   | 4  |
| PICKETT LAKE              | PICKETT    | RAINBOW | ADULT | 4,032  | 1,754 | 8  |
| PIGEON RIVER              | COCKE      | RAINBOW | ADULT | 33,337 | 4,910 | 3  |
| PINE CREEK                | DEKALB     | RAINBOW | ADULT | 2,215  | 961   | 4  |
| PINEY CREEK               | RHEA       | RAINBOW | ADULT | 1,523  | 705   | 4  |
| POCKET CREEK              | MADISON    | RAINBOW | ADULT | 1,507  | 635   | 3  |
| PUNCHEONCAMP REEK         | GRAINGER   | RAINBOW | ADULT | 1,839  | 792   | 5  |
| RICHARDSON CREEK          | HANCOCK    | RAINBOW | ADULT | 1,826  | 791   | 5  |
| ROCKY FORK                | UNICOI     | RAINBOW | ADULT | 4,500  | 2,219 | 9  |
| ROCKY RIVER               | VANBURREN  | RAINBOW | ADULT | 1,093  | 530   | 3  |
| S INDIAN CREEK            | UNICOI     | RAINBOW | ADULT | 7,250  | 3,678 | 10 |
| S INDIAN CREEK            | UNICOI     | RAINBOW | FINGL | 4,493  | 149   | 1  |
| SALT LICK CREEK           | MACON      | RAINBOW | ADULT | 730    | 330   | 2  |
| SEQUATCHIE RIVER          | CUMBERLAND | RAINBOW | ADULT | 1,838  | 842   | 4  |
| SINK CREEK                | DEKALB     | RAINBOW | ADULT | 990    | 425   | 3  |
| SPIVEY CREEK              | UNICOI     | RAINBOW | ADULT | 2,100  | 964   | 7  |
| SPRING CREEK              | POLK       | RAINBOW | ADULT | 1,657  | 884   | 14 |
| STANDING ROCK CREEK       | PERRY      | RAINBOW | ADULT | 448    | 165   | 1  |
| STANDING ROCK CREEK       | STEWART    | RAINBOW | ADULT | 456    | 160   | 1  |
| STANDING STONE LAKE       | OVERTON    | RAINBOW | ADULT | 445    | 260   | 2  |
| STATION CREEK             | CLAIBORNE  | RAINBOW | ADULT | 686    | 312   | 4  |
| STONY CREEK               | CARTER     | RAINBOW | ADULT | 3,600  | 1,792 | 9  |

**Streams and Lakes Stocked in Spring and Summer – 2015 (Continued)**

|                   |           |         |       |                |                |            |
|-------------------|-----------|---------|-------|----------------|----------------|------------|
| SWEETEN CREEK     | MARION    | RAINBOW | ADULT | 1,010          | 430            | 3          |
| TACKETT CREEK     | CLAIBORNE | RAINBOW | ADULT | 500            | 224            | 2          |
| TELLICO RIVER     | MONROE    | RAINBOW | ADULT | 69,282         | 45,969         | 112        |
| TELLICO RIVER     | MONROE    | BROWN   | ADULT | 2,292          | 1,140          | 4          |
| TOWN CREEK        | MARION    | RAINBOW | ADULT | 806            | 355            | 3          |
| TUMBLING CREEK    | HUMPHREYS | RAINBOW | ADULT | 1,802          | 800            | 3          |
| TUMBLING CREEK    | POLK      | RAINBOW | ADULT | 703            | 391            | 6          |
| TURTLE TOWN CREEK | POLK      | RAINBOW | ADULT | 954            | 493            | 8          |
| UPPER HILLS CREEK | WARREN    | RAINBOW | ADULT | 889            | 462            | 3          |
| UPPER ROAN CREEK  | JOHNSON   | RAINBOW | ADULT | 1,200          | 586            | 4          |
| WHITE OAK CREEK   | HOUSTON   | RAINBOW | ADULT | 906            | 320            | 2          |
| WOLF RIVER        | FENTRESS  | RAINBOW | ADULT | 2,263          | 760            | 3          |
| <b>TOTAL</b>      |           |         |       | <b>354,075</b> | <b>184,731</b> | <b>711</b> |
|                   |           |         |       |                |                |            |

## Winter Trout Program Stocking – 2015

**FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches.**

| Water Stocked              | County     | Species | Stage | Number        | Weight (lbs.) | Number of Stocking Trips |
|----------------------------|------------|---------|-------|---------------|---------------|--------------------------|
| ATHENS CITY PARK POND      | MCMINN     | RAINBOW | ADULT | 2,036         | 726           | 2                        |
| BEECH LAKE                 | HENDERSON  | RAINBOW | ADULT | 2,729         | 1,342         | 4                        |
| BIG ROCK CREEK             | MARSHALL   | RAINBOW | ADULT | 714           | 366           | 3                        |
| BILLY DUNLAP PARK          | MONTGOMERY | RAINBOW | ADULT | 1,723         | 834           | 3                        |
| BOLIVAR PARK               | SHELBY     | RAINBOW | ADULT | 750           | 220           | 1                        |
| CAMERON BROWN LAKE         | SHELBY     | RAINBOW | ADULT | 2,520         | 1,054         | 2                        |
| CANE CREEK PARK LAKE       | PUTNAM     | RAINBOW | ADULT | 6,506         | 2,202         | 3                        |
| COWAN CITY PARK            | FRANKLIN   | RAINBOW | ADULT | 1,071         | 562           | 5                        |
| CUMBERLAND MT. STATE PARK  | CUMBERLAND | RAINBOW | ADULT | 2,999         | 1,056         | 1                        |
| DAVIS PLANTATION PARK      | SHELBY     | RAINBOW | ADULT | 1,002         | 386           | 2                        |
| DUCK RIVER RIVERSIDE DAM   | MAURY      | RAINBOW | ADULT | 1,503         | 782           | 3                        |
| DUCK RIVER FISHERMANS PARK | BEDFORD    | RAINBOW | ADULT | 753           | 392           | 2                        |
| EDMUND-ORGILL PARK LAKE    | SHELBY     | RAINBOW | ADULT | 2,020         | 804           | 2                        |
| HARPEETH RIVER             | WILLIAMSON | RAINBOW | ADULT | 3,675         | 1,748         | 6                        |
| J D BUCKNER LAKE           | DICKSON    | RAINBOW | ADULT | 1,343         | 659           | 3                        |
| J PERCY PRIEST TW          | DAVIDSON   | RAINBOW | ADULT | 14,022        | 4,819         | 5                        |
| JOHNSON PARK LAKE          | SHELBY     | RAINBOW | ADULT | 2,564         | 1,229         | 3                        |
| KINGSTON SPRINGS LAKE      | CHEATHAM   | RAINBOW | ADULT | 799           | 355           | 3                        |
| LAFAYETTE CITY PARK LAKE   | MACON      | RAINBOW | ADULT | 1,503         | 527           | 2                        |
| LAKE GRAHAM                | MADISON    | RAINBOW | ADULT | 3,008         | 1,391         | 3                        |
| LAKE JUNIOR                | HAMILTON   | RAINBOW | ADULT | 9,537         | 2,336         | 5                        |
| MARROWBONE LAKE            | DAVIDSON   | RAINBOW | ADULT | 3,058         | 1,277         | 3                        |
| MARTIN CITY LAKE           | WEAKLEY    | RAINBOW | ADULT | 1,359         | 578           | 2                        |
| MCCUTCHEON CREEK           | MAURY      | RAINBOW | ADULT | 2,309         | 1,097         | 6                        |
| MCKENZIE CITY LAKE         | CARROLL    | RAINBOW | ADULT | 992           | 329           | 2                        |
| MUNFORD CITY PARK LAKE     | TIPTON     | RAINBOW | ADULT | 2,023         | 806           | 2                        |
| ONEIDA CITY LAKE           | SCOTT      | RAINBOW | FINGL | 3,000         | 9             | 1                        |
| PARIS CITY LAKE            | HENRY      | RAINBOW | ADULT | 501           | 176           | 1                        |
| SHELBY PARK LAKE           | DAVIDSON   | RAINBOW | ADULT | 4,392         | 2,128         | 4                        |
| STONE BRIDGE PARK          | LINCOLN    | RAINBOW | ADULT | 723           | 353           | 3                        |
| SULPHUR FORK CREEK         | ROBERTSON  | RAINBOW | ADULT | 1,079         | 502           | 4                        |
| UNION CITY LAKE            | OBION      | RAINBOW | ADULT | 752           | 312           | 2                        |
| W FORK STONES RIVER        | RUTHERFORD | RAINBOW | ADULT | 9,555         | 3,465         | 7                        |
| YALE ROAD CITY POND        | SHELBY     | RAINBOW | ADULT | 1,002         | 386           | 2                        |
| <b>TOTAL</b>               |            |         |       | <b>93,522</b> | <b>35,208</b> | <b>102</b>               |

**Delayed-Harvest Program – 2015**

**FINGL = Fingerling, 4-6 inch trout; ADULT = trout > 9 inches.**

|                      |               |                |              |               |               | Number of    |
|----------------------|---------------|----------------|--------------|---------------|---------------|--------------|
|                      |               |                |              |               | Weight        | Stocking     |
| <b>Water Stocked</b> | <b>County</b> | <b>Species</b> | <b>Stage</b> | <b>Number</b> | <b>(lbs.)</b> | <b>Trips</b> |
| HIWASSEE TW          | POLK          | RAINBOW        | ADULT        | 33,794        | 15,641        | 14           |
| HIWASSEE TW          | POLK          | BROOK          | ADULT        | 50            | 150           | 1            |
| HIWASSEE TW          | POLK          | BROWN          | ADULT        | 2,168         | 990           | 1            |
| PAINT CREEK          | GREENE        | RAINBOW        | ADULT        | 3,494         | 3,398         | 6            |
| PINEY CREEK          | RHEA          | RAINBOW        | ADULT        | 500           | 305           | 1            |
| TELLICO RIVER        | MONROE        | BROWN          | ADULT        | 444           | 231           | 1            |
| TELLICO RIVER        | MONROE        | RAINBOW        | ADULT        | 751           | 957           | 4            |
| <b>TOTAL</b>         |               |                |              | <b>41,201</b> | <b>21,672</b> | <b>28</b>    |