

The Inventory

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An Update Concerning the SRS FIA Program

SRS FIA Information Update

It has been a very interesting and challenging two or so months, and we haven't seen the end of the challenges. The pandemic situation associated with COVID-19 has caused FIA to change from our normal operating procedures. Of course, this was expected due to the stay-at-home orders in the States.

Most of the SRS FIA office staff are currently teleworking from home. A few SRS FIA office staff are reporting the SRS FIA HQ to support field crews. Although SRS FIA field staff have been working in the field collecting FIA data and conducting quality assurance activities, they've been operating under restricted procedures: no face-to-face landowner contacts, no overnight travel, and are travelling in separate vehicles. State Forestry agencies partners are also operating under these restrictions on collecting FIA data. For a while, some State Forestry agency partners were NOT in the field collecting FIA data, but all are now back on the job. The only location where field work is not occurring is in the U.S. Virgin Islands as our SRS FIA field staff are still under travel restrictions from their base of operations in Puerto Rico. I'm not sure when this will change.

Why share this information? Additional changes will be coming in the ability of FIA to deliver timely information. Data processing, editing, and data review activities have increased over the last three months. I'm assuming the development of publications/reporting will follow closely along this pattern. After this surge in data posting and reporting, the situation will change. It is fully expected that, due to the field data collection restrictions, the field season production will lag and there will be future delays in the timely delivery of FIA data and information. This is a consequence of the COVID-19 pandemic on FIA operations. Although there could be pressure on field crews to "catch up" when we return to some level of normalcy, we are resisting this urge as "cutting corners" and rushing to increase production have implications on data quality and safety. This is completely unacceptable! We will have to accept this situation as we move forward. I just wanted to be transparent on this issue.

As this situation changes daily, I'll try to keep you up to date on the status of SRS FIA. Please contact me if you have any specific questions, and please check our website for any other updates.

As always, if you have any technical questions regarding FIA, please submit them to Janet Griffin (janet.griffin@usda.gov) and we'll answer them in a future issue of *The Inventory*. Thank you for your interest in FIA, and please let us know how we may serve you in the future.

Bill

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FIA Data at your Fingertips

In July of 2018, the SRS FIA unit initiated a process on how the program delivers congressionally mandated annual products. Christopher M. Oswalt and Ted Ridley, in coordination with others across the unit, led those efforts. The project became known as the “Five Priorities Project” around the office due to the objective of reaching five separate reporting goals:

- 1) Automated annual factsheets for the reporting of the status and trends of State forest resources,
- 2) A set of automated annual supplemental tables to support the annual factsheets,
- 3) Automated factsheets for the reporting of timber product output data,
- 4) A set of supplemental tables to support the timber product output factsheets, and
- 5) Integration of reporting products from the National Woodland Owner Survey.

The task of automating these products is a key component of FIA’s future reporting, as one significant benefit will be cost savings in the form of staff time (analysts and publication staff).

The two most visible products from this effort are the *FIA One Click* and the *FIA One Click TPO* (both web-based applications developed using Tableau technology):

One Click—<https://tabsoft.co/2XEuFa9>.

One Click TPO—<https://tabsoft.co/3c2ZZV2>.

The *One Click* and *One Click TPO* applications provide a web-based platform for obtaining State-level FIA summaries for select forest and forest industry attributes in an easy-to-read factsheet. It only takes one click of the mouse. Click a State and get a factsheet. It’s that easy. These applications not only allow for users to have rapid access to State FIA factsheets, the FIA program can produce these factsheets for publication and archiving at Treesearch (see current list on pages 3 and 4) more efficiently than before. The result is a significant cost savings for the program and a quicker publication production rate to provide our users with citable documentation of the status and change of forests and the forest products industry in the U.S. Moreover, each factsheet contains links to resources from across the FIA program such as results and publications from the National Woodland Owner Survey and links to supplemental tables that accompany each factsheet.

Currently, *One Click* is completely operational for the Southern, Northern, most Pacific Northwest States, and many of the territorial islands. The National FIA program continues to work toward having all States and territories operational in 2020. *One Click TPO* is currently in beta testing but available to users.

Please contact Chris Oswalt (christopher.oswalt@usda.gov or 865-862-2068) or Ted Ridley (ted.ridley@usda.gov or 865-863-2083) to discuss the current and future development of *One Click* and Jason Cooper (jason.a.cooper@usda.gov or 865-862-2009) for the current and future development of the *One Click TPO* application and associated products.

For more information, contact Chris Oswalt at 865-862-2068 or christopher.oswalt@usda.gov.

One-Click Factsheets

USDA Forest Service. 2019. Forests of Alabama, 2018. Resource Update FS-180. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-180>, <https://srs.fs.usda.gov/pubs/58123>.

USDA Forest Service. 2020. Forests of Arkansas, 2019. Resource Update FS-253. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-253>, <https://srs.fs.usda.gov/pubs/59965>.

USDA Forest Service. 2019. Forests of Arkansas, 2018. Resource Update FS-224. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-224>, <https://srs.fs.usda.gov/pubs/58717>.

USDA Forest Service. 2019. Forests of Arkansas, 2017. Resource Update FS-181. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-181>, <https://srs.fs.usda.gov/pubs/58133>.

USDA Forest Service. 2019. Forests of Florida, 2016. Resource Update FS-182. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-182>, <https://srs.fs.usda.gov/pubs/58124>.

USDA Forest Service. 2020. Forests of Georgia, 2018. Resource Update FS-254. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-254>, <https://srs.fs.usda.gov/pubs/59931>.

USDA Forest Service. 2019. Forests of Georgia, 2017. Resource Update FS-183. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-183>, <https://srs.fs.usda.gov/pubs/58125>.

USDA Forest Service. 2019. Forests of Kentucky, 2016. Resource Update FS-184. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-184>, <https://srs.fs.usda.gov/pubs/58126>.

USDA Forest Service. 2019. Forests of Louisiana, 2016. Resource Update FS-185. Asheville, NC: U.S. Department of Agriculture Forest Service. 2p. <https://doi.org/10.2737/FS-RU-185>, <https://srs.fs.usda.gov/pubs/58127>.

USDA Forest Service. 2019. Forests of Mississippi, 2017. Resource Update FS-186. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-186>, <https://srs.fs.usda.gov/pubs/58128>.

USDA Forest Service. 2019. Forests of North Carolina, 2018. Resource Update FS-225. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-225>, <https://srs.fs.usda.gov/pubs/58716>.

USDA Forest Service. 2019. Forests of North Carolina, 2017. Resource Update FS-187. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-187>, <https://srs.fs.usda.gov/pubs/58129>.

USDA Forest Service. 2019. Forests of Oklahoma, 2017. Resource Update FS-188. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-188>, <https://srs.fs.usda.gov/pubs/59988>.

USDA Forest Service. 2019. Forests of South Carolina, 2018. Resource Update FS-221. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-221>, <https://srs.fs.usda.gov/pubs/58715>.

USDA Forest Service. 2019. Forests of Tennessee, 2016. Resource Update FS-222. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-222>, <https://srs.fs.usda.gov/pubs/58718>.

USDA Forest Service. 2019. Forests of Tennessee, 2015. Resource Update FS-189. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-189>, <https://srs.fs.usda.gov/pubs/58121>.

(continued)

One-Click Factsheets (continued)

USDA Forest Service. 2019. Forests of east Texas, 2018. Resource Update FS-223. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-223>, <https://srs.fs.usda.gov/pubs/58713>.

USDA Forest Service. 2019. Forests of east Texas, 2017. Resource Update FS-190. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-190>, <https://srs.fs.usda.gov/pubs/58130>.

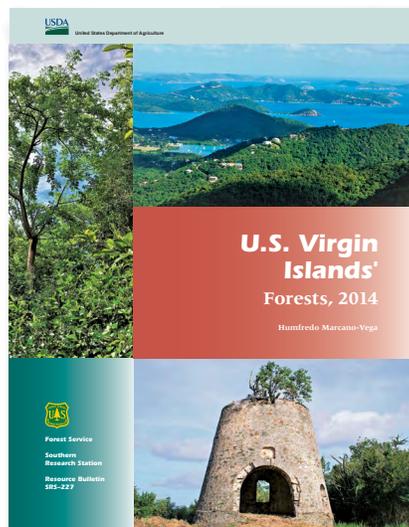
USDA Forest Service. 2020. Forests of Virginia, 2018. Resource Update FS-264. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-264>, <https://srs.fs.usda.gov/pubs/59963>.

USDA Forest Service. 2019. Forests of Virginia, 2017. Resource Update FS-191. Asheville, NC: U.S. Department of Agriculture Forest Service. 2 p. <https://doi.org/10.2737/FS-RU-191>, <https://srs.fs.usda.gov/pubs/58131>.

FY 2020 Publications Published since March, 2020

Domke, G.M.; Walters, B.F.; Nowak, D.J.; Smith, J.E.; Ogle, S.M.; Coulston, J.W.; Wirth, T.C. 2020. Greenhouse gas emissions and removals from forest land, woodlands, and urban trees in the United States, 1990-2018. Resource Update FS-227. Madison, WI: U.S. Department of Agriculture Forest Service, Northern Research Station. 5 p. <https://doi.org/10.2737/FS-RU-227>, <https://srs.fs.usda.gov/pubs/59852>.

Marcano-Vega, H. 2020. U.S. Virgin Islands' forests, 2014. Resour. Bull. SRS-227. Asheville, NC: U.S. Department of Agriculture Forest Service Southern Research Station. 54 p. <https://srs.fs.usda.gov/pubs/59781>.

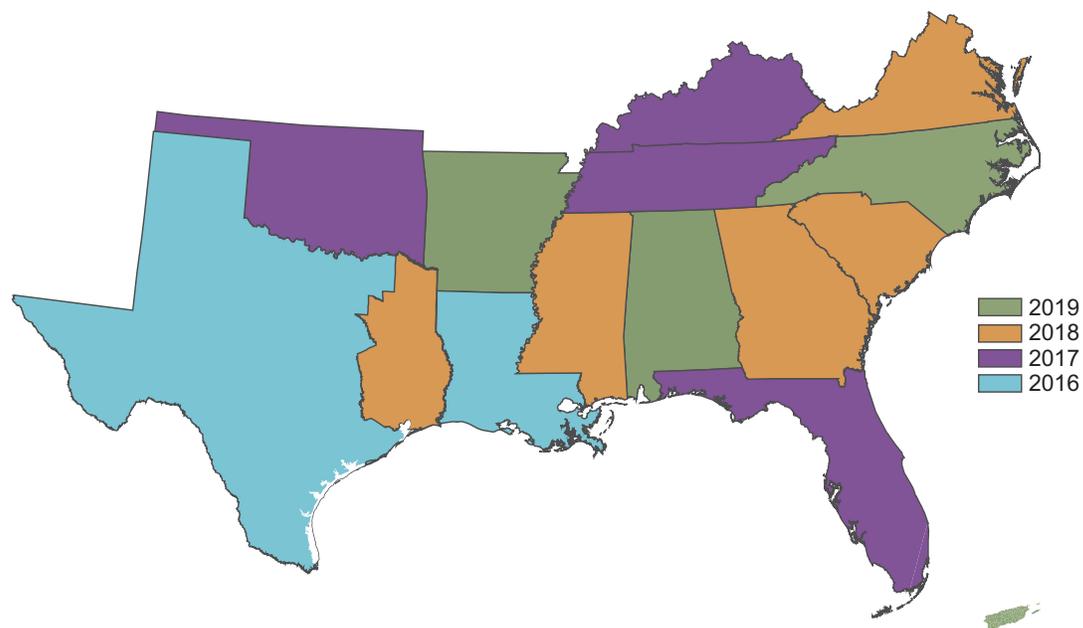


Marcano-Vega, H.; Lazaro, M.; Stanton, S. 2019. U.S.-Affiliated jurisdictions of the insular Caribbean and Pacific. In: Oswalt, S.N.; Smith, W.B.; Miles, P.D.; Pugh, S.A., coords. 2019. Forest resources of the United States, 2017: a technical document supporting the Forest Service 2020 RPA Assessment. Gen. Tech. Rep. WO-97. Washington, DC: U.S. Department of Agriculture Forest Service, Washington Office: 23-26. <https://doi.org/10.2737/WO-GTR-97>, <https://srs.fs.usda.gov/pubs/58438>.

Nelson, M.D.; Riitters, K.H.; Coulston, J.W.; Domke, G.M.; Greenfield, E.J.; Langner, L.L.; Nowak, D.J.; O'Dea, C.B.; Oswalt, S.N.; Reeves, M.C.; Wear, D.N. 2020. Defining the United States land base: a technical document supporting the USDA Forest Service 2020 RPA assessment. Gen. Tech. Rep. NRS-191. Madison, WI: U.S. Department of Agriculture Forest Service, Northern Research Station. 70 p. <https://doi.org/10.2737/NRS-GTR-191>, <https://srs.fs.usda.gov/pubs/59691>.

Roesch, F.A.; Schroeder, T.A. 2020. Auxiliary network sampling for multi-objective national forest inventories: a practical examination of search distances. e-Res. Pap. SRS-62. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. 10 p. <https://srs.fs.usda.gov/pubs/60030>.

Current Status of FIA Data Posted



For more information,
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Status of Current Field Inventories

State	Cycle start date	Subcycle start date	Cycle and inventory year of current inventory	Percent of current subcycle collection completed
Alabama	2016	Apr., 2019	10:2020	93
Arkansas	2017	Feb., 2020	11:2020	32
Florida	2014	June 2018	10:2018	80
Georgia	2015	June 2019	11:2019	86
Kentucky	2017	Sep., 2019	08:2018	37
Louisiana	2016	Oct., 2019	09:2018	59
Mississippi	2017	Feb., 2020	10:2020	34
North Carolina	2016	Oct., 2020	10:2020	75
Oklahoma (east)	2015	Nov., 2019	09:2018	90
Oklahoma (west)	2009	Mar., 2018	02:2018	100
Puerto Rico	2016	Nov., 2017	06:2018	100
Puerto Rico ^a	2016	Apr., 2019	06:2019	100
South Carolina	2017	May 2019	12:2019	90
Tennessee	2016	Oct., 2019	10:2018	64
Texas (east)	2013	Jan., 2020	11:2020	42
Texas (west)	2015	Nov., 2018	02:2017	99
Texas (west) ^a	2016	Aug., 2019	02:2018	47
U.S. Virgin Islands	2014	Dec., 2019	04:2019	8
Virginia	2017	June 2019	11:2019	58

Information compiled June 1, 2020.

^a Closing out prior panel—beginning new panel.

For more information, contact
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FIA is a USDA Forest Service research work unit which collects, analyzes, and reports on data pertaining to our forest land in the Southern region. This region includes Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, the U.S. Virgin Islands, and Virginia.

FIA conducts this program of research to improve the understanding of the Southern forest ecosystem.

Government and private agencies utilize this data to monitor forest resources, forest use, and forest health. The collection of data is done on private and public land.

Our system development success is a direct result of our partners, our talented scientists, analysts, computer specialists, and other staff members who have continually contributed to the mission of this complex project.

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National and Southern FIA Web sites of Interest

National FIA Web site: <http://www.fia.fs.fed.us>
 National FIA database available at: <http://www.fia.fs.fed.us/tools-data/>
 National Timber Product Output (TPO) database available at: https://www.fs.usda.gov/srsfia/php/tpo_2009/tpo_rpa_int1.php
 National Woodland Owner Survey Web site: <http://www.fia.fs.fed.us/nwos/>
 Information specific to Southern States: <https://www.fs.usda.gov/srsfia/>
 Electronic copies of SRS FIA publications at: <https://www.srs.fs.usda.gov/pubs/>