

NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

Background

In April 2020, the NOAA Science Council requested that the NOAA Line Office Transition Managers Committee (LOTMC) provide quarterly updates on projects that have transitioned. Subsequently, the LOTMC developed an approach for collecting and reporting these data in a consistent manner while allowing for feedback and improvements to the process. The data were first collected as a pilot for Fiscal Year 2020, Quarter 3 (FY20 Q3). Following the pilot, LOTMC added three fields for quarterly transition reporting, but additional fields are on hold until the LOTMC can assess the effectiveness of collecting and reporting quarterly transitions.

Methodology

The FY21 Q2 data collection spreadsheet followed the same format as the previous data collection. It included the 14 fields from FY21 Q1¹. See footnote for the full set of fields. To gather the data for FY21 Q2, the NOAA Research and Development Database's (NRDD) Readiness Level Progress data table was queried for projects with a RL9_CompleteDate of 2021, and the data were further refined manually to select projects with dates between January 1 and March 31, 2020. Relevant project information was used to prepopulate the data collection spreadsheet, with a note in the comments field that the information came from the NRDD and updates and supplemental information may be needed.

In addition, the NOAA Line Office Transition Managers sent a data collection spreadsheet and tasker request to their Line Offices between April 26 - May 24, 2021. Following the data collection period, the information from all Line Offices was compiled and analyzed.

1. 14 fields from FY20Q4 includes project name, what was transitioned, funding Source, transition outputs, purpose of transition, NOAA Science and Technology Focus Areas, type of transition, from where, to where, date completed, is it in NOAA Research and Development Database (NRDD), NRDD project ID, additional information, and comments.

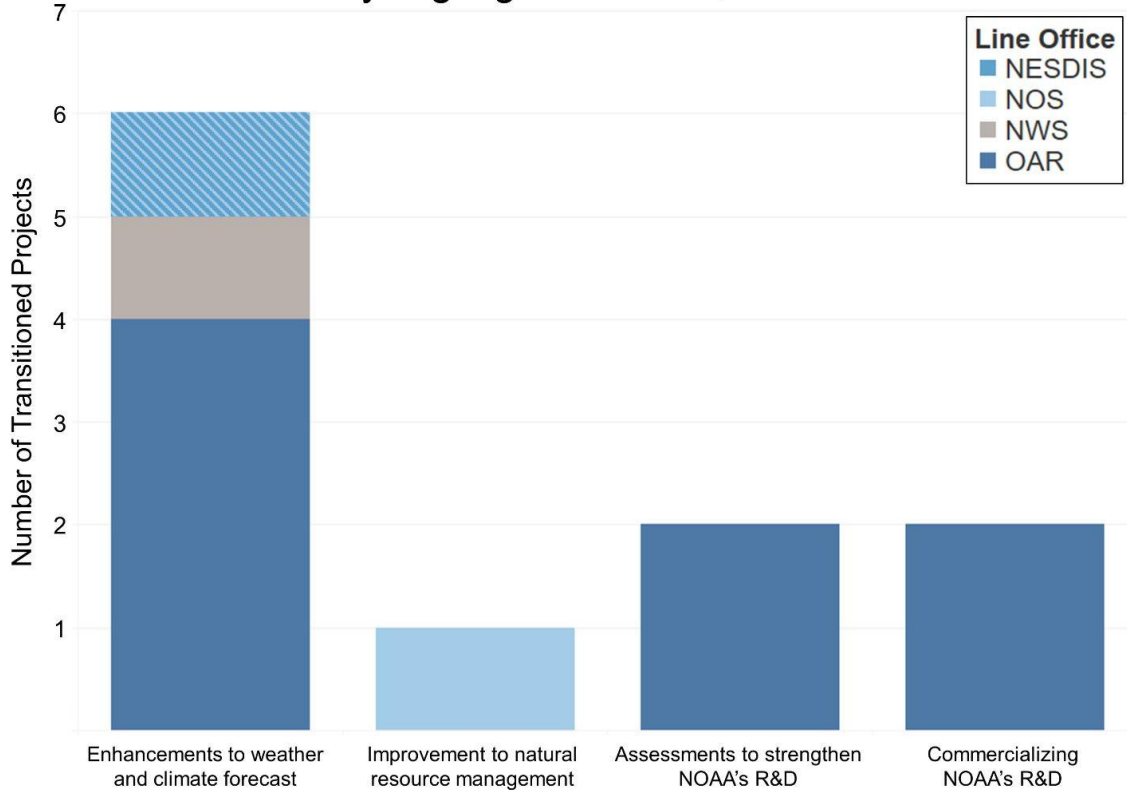
NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

FY21 Q2 Results (January 1 – March 31, 2021)

Eleven transitioned projects were identified in the [spreadsheet](#) for FY21 Q2. Transition summary highlights include:

Transition Summary Highlights FY21 Q2



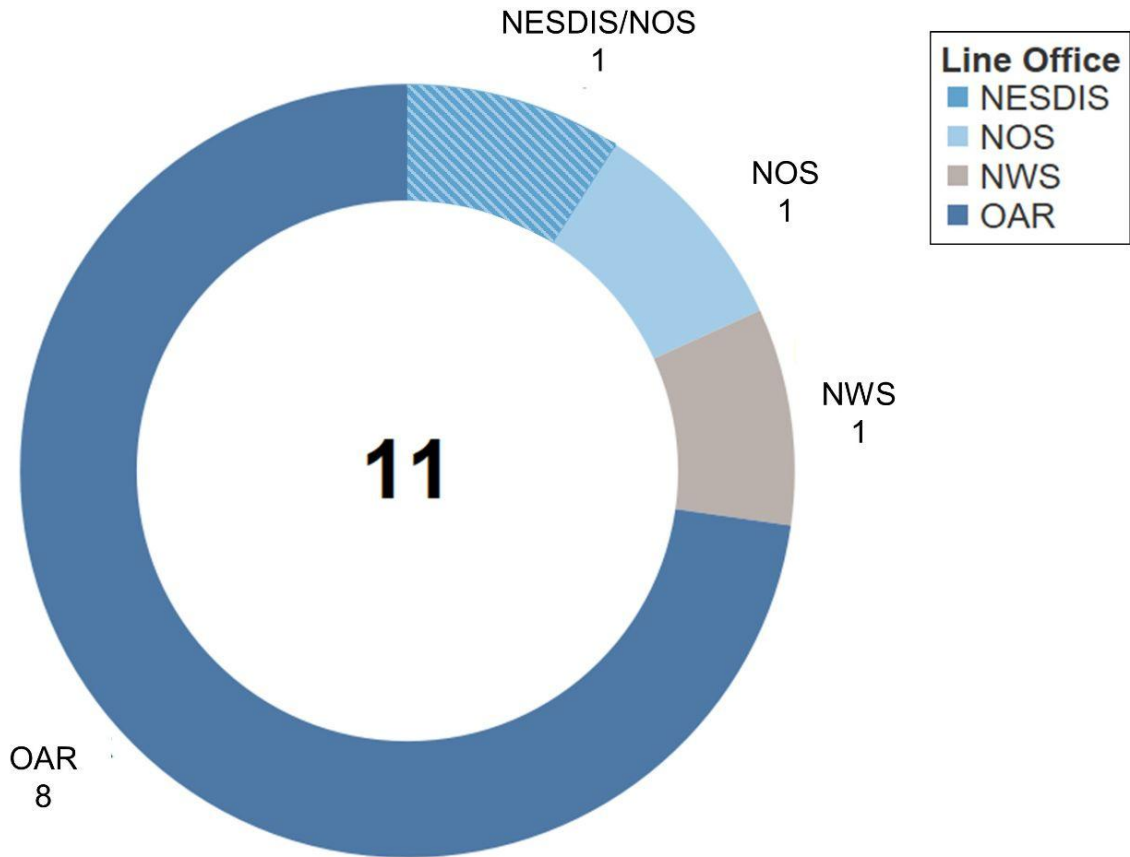
- Six improvements for enhancing weather and climate forecasts
 - Four projects with improvements for the Unified Forecasting System (UFS)
 - Improvement to the Terminal Aerodrome Forecasts (TAF) to support Digital Aviation Services (DAS)
 - Improvement to the Global Forecast System (GFS)
- Improvement to natural resource management
 - Habitat maps of fish spawning aggregations in the Florida Keys
- Assessments to strengthen NOAA's R&D
 - Assessment of the Visibility Estimation through Image Analytics (VEIA) product
 - Assessment of the Off-shore Precipitation Capability (OPC) product
- Commercializing NOAA's R&D
 - Two Miniature Open Path CRDS Licensing Project

NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

Summary charts of these projects by Line Office, funding sources, source and destination organizations, NOAA Science and Technology focus area, transition type, transition project outputs, and NRDD participation are displayed below.

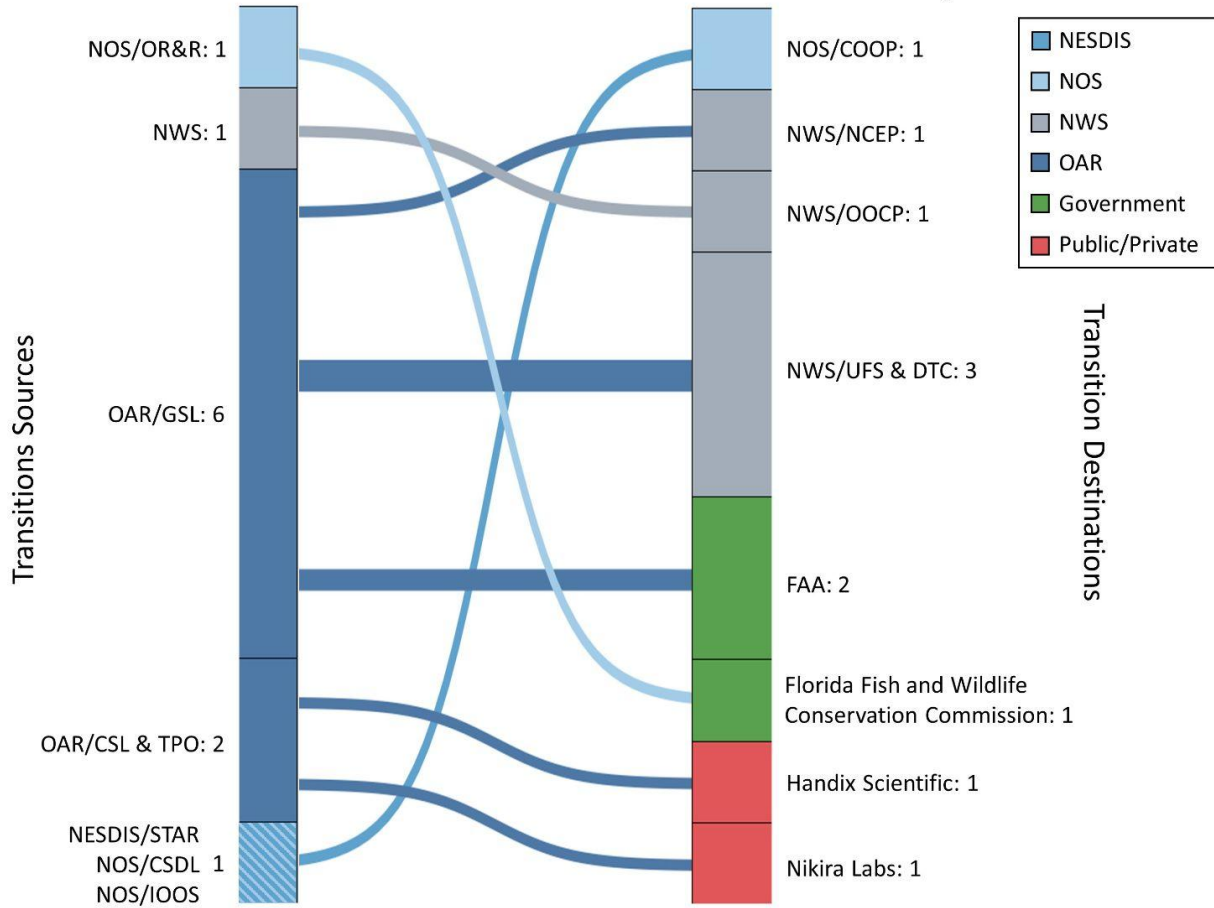
Number of Transitioned Projects by Line Office for FY21 Q2



NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

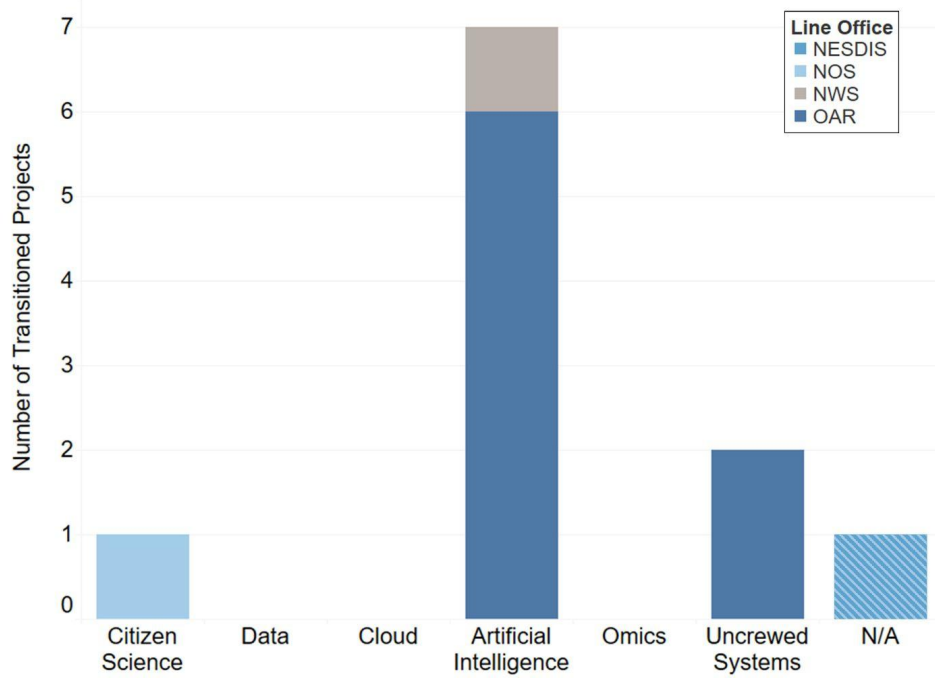
Source and Destination for FY21 Q2 Transitioned Projects



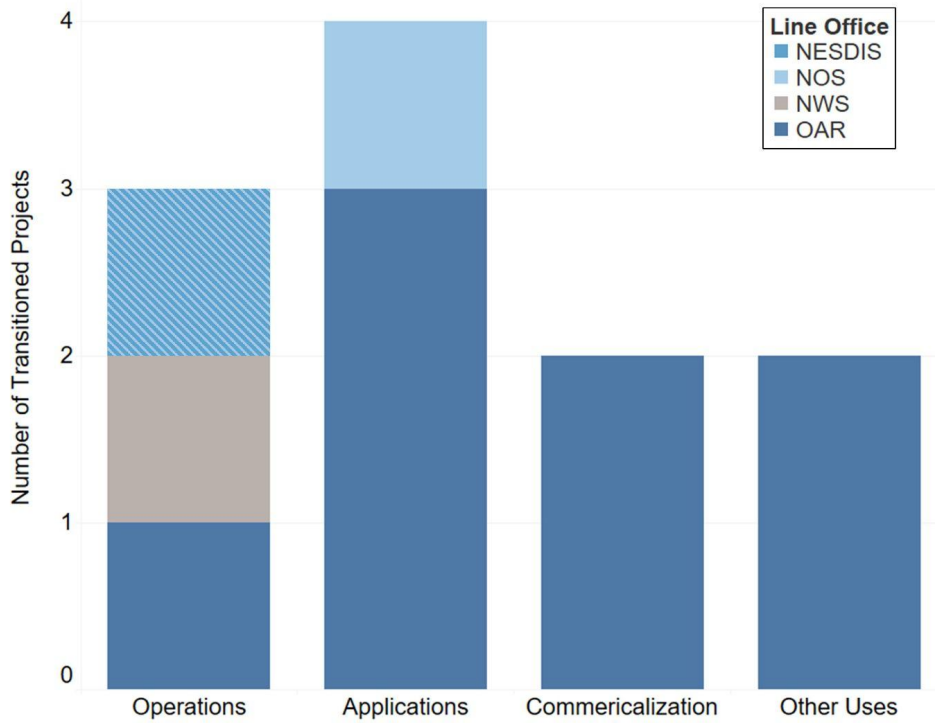
NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

Transitioned Projects under NOAA Science & Technology Focus Areas



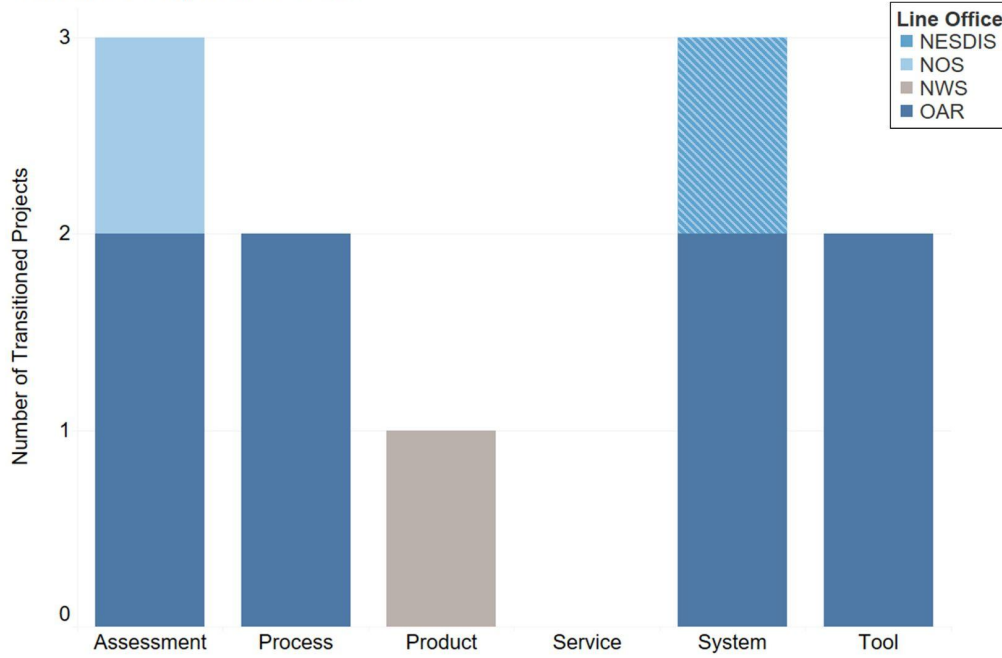
Transition Types for FY21 Q2



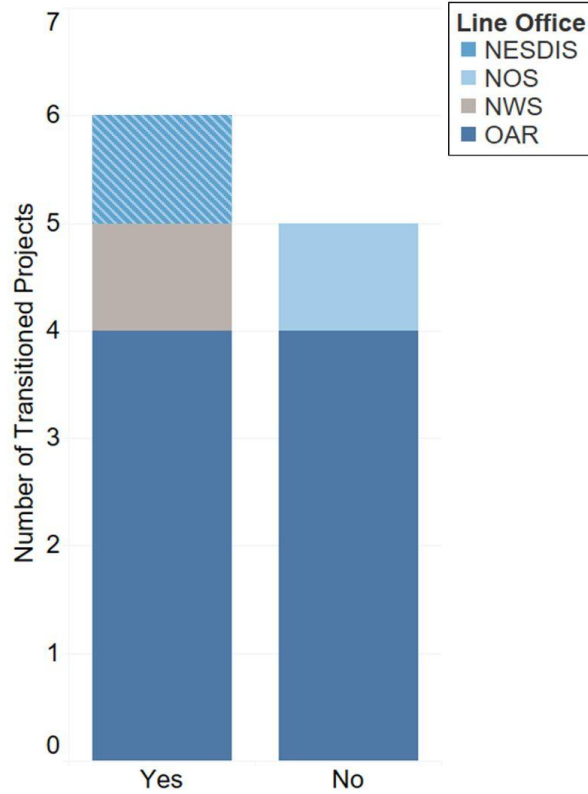
NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

Transition Outputs FY21 Q2



Projects in NRDD?



NOAA Quarterly Transition Updates

Fiscal Year 2021 Quarter 2 Summary

Next Steps

This document will be included in the virtual meeting materials to the NOAA Science Council at the end of June 2021. A subset of the FY21 Q2 transition projects will be highlighted in a presentation to the council in August 2021.