

NOAA Quarterly Transition Updates

Year 2021 Quarter 3 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 Q3 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 Q3, 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 April 1 and June 30, 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 July 19 - August 20, 2021. Following the data collection period, the information from all Line Offices was compiled and analyzed.

Lastly, the NOAA Science Council requested examples of stalled transitions and the reasons for their delay. A request was made to the LOTMC to provide projects that have stalled to transition with information including: Project name, What is planned to transition, Reason for stalled transition, R&D organization, and Intended place for transition.

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.

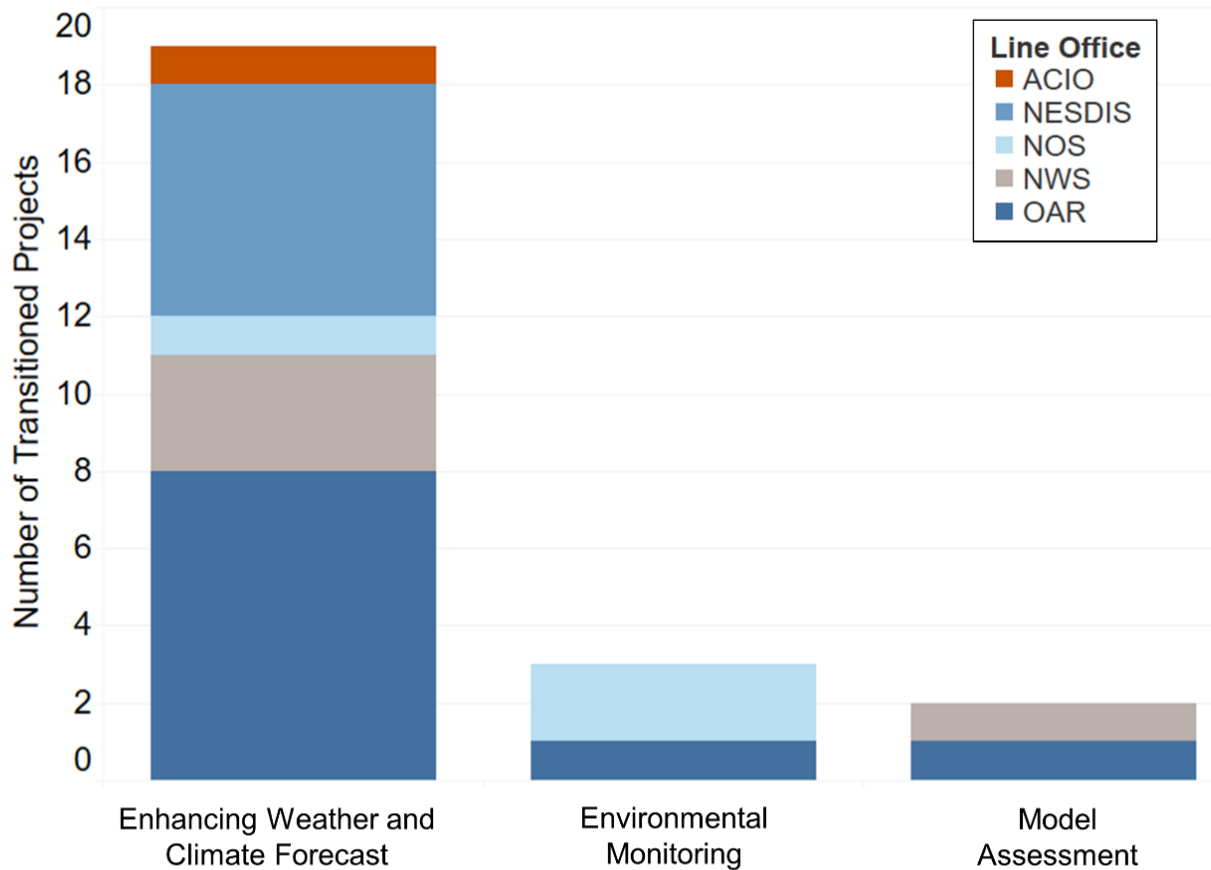
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FY21 Q3 Results (April 1 – June 30, 2021)

Twenty-four transitioned projects were identified in the [spreadsheet](#) for FY21 Q3. Transition summary highlights include:

Transition Summary Highlights FY21 Q3



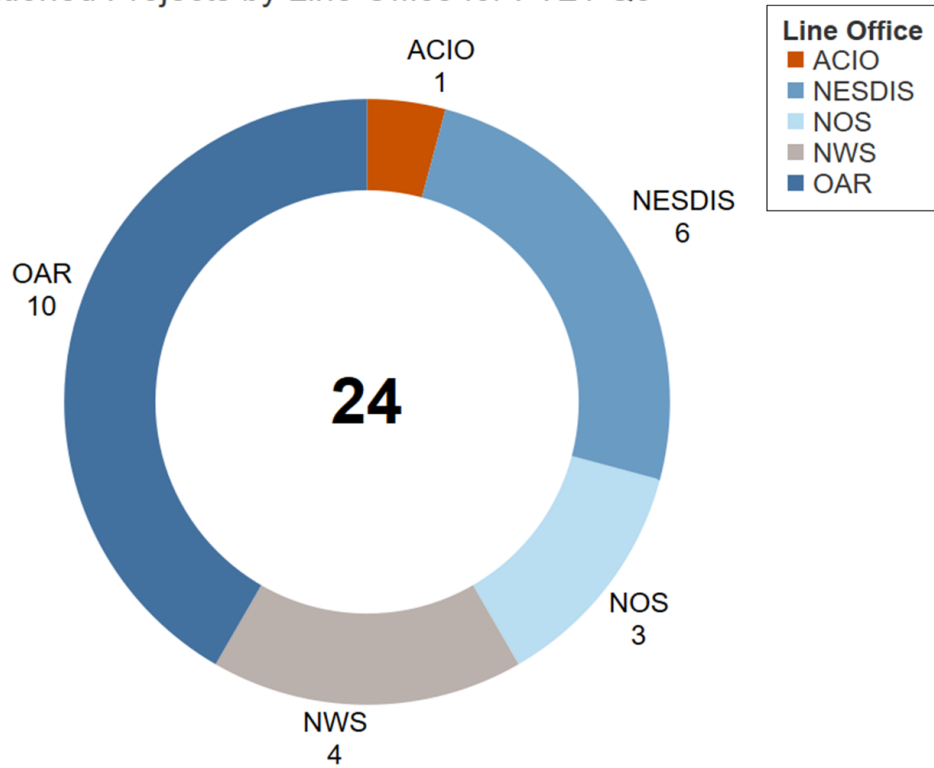
- 19 improvements for enhancing weather and climate forecasts
 - Eight models on weather forecasting
 - Seven models on climate forecasting
 - Two products to enhance access to weather forecast data
- Three improvements for environmental monitoring
 - An system to collect environmental data in the Arctic
 - Two products in monitoring contaminants in marine and coastal areas
- Model assessments
 - Two model assessments to explore the validity of weather forecasting models

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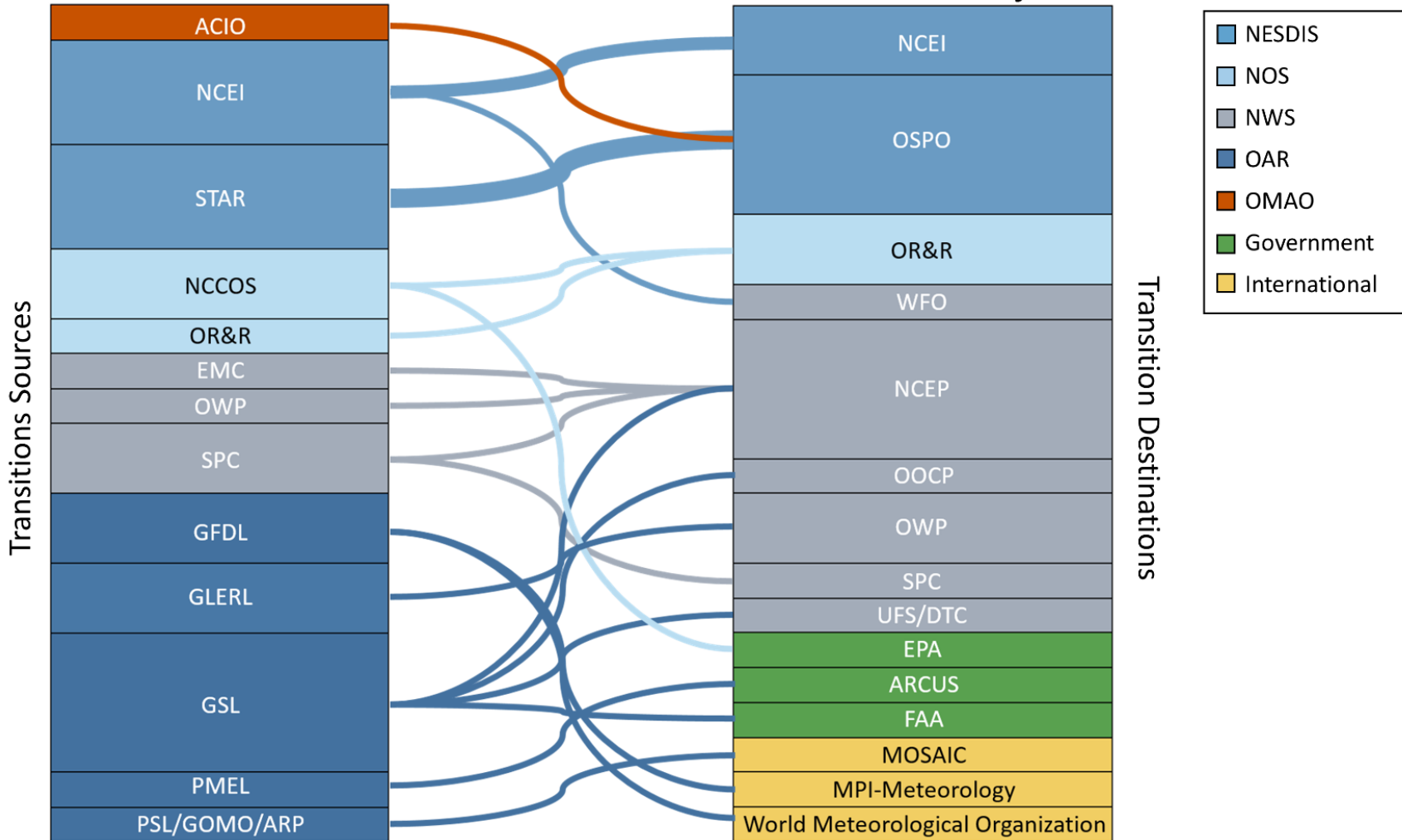
Summary charts of these projects by Line Office, funding sources, source and destination organizations, NOAA Science and Technology focus area, transition type, transition project outputs, and NRDD participation are displayed below.

Number of Transitioned Projects by Line Office for FY21 Q3



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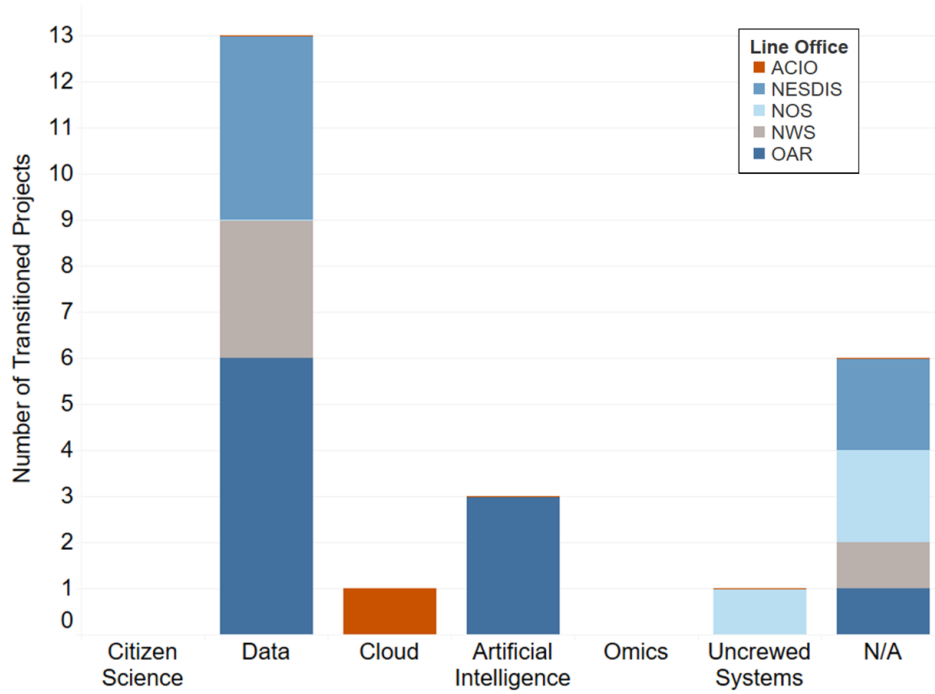
Source and Destination for FY21 Q3 Transitioned Projects



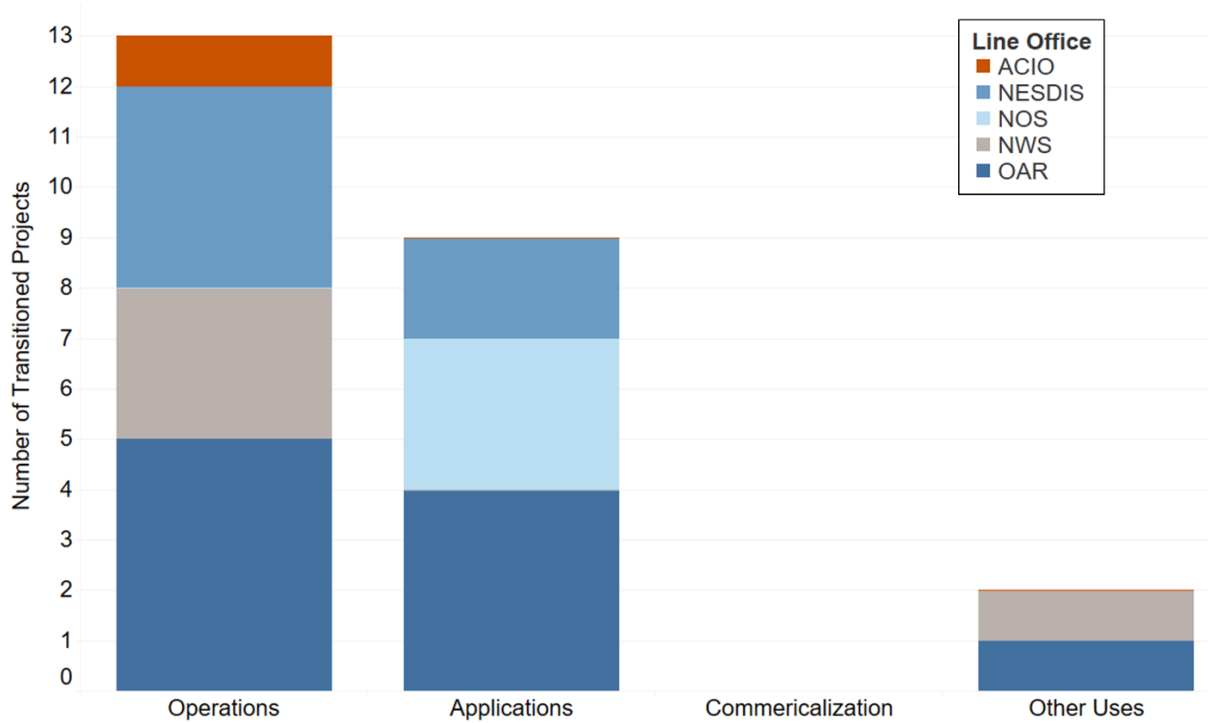
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Transitioned Projects under NOAA Science & Technology Focus Areas



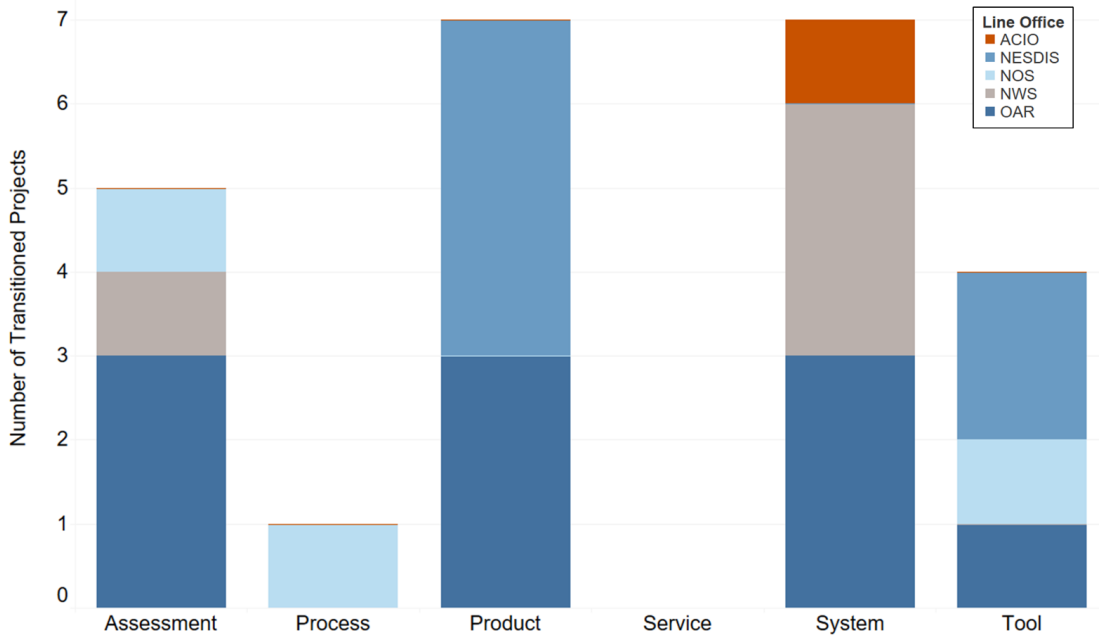
Transition Types for FY21 Q3



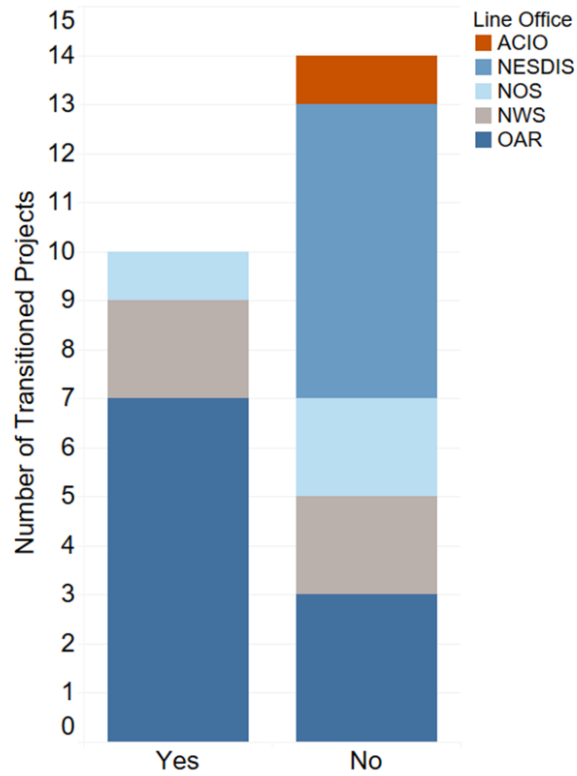
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Transition Outputs FY21 Q3



Projects in NRDD?



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Stalled Transitions

In August 2021, the Science Council requested that stalled transitions also be collected and included in the quarterly transition reports. In FY21 Q3, [a tasker](#) was sent out to the LOTMC to provide known stalled transitions.

Twelve stalled transitions were identified between OAR and NESDIS. One project is stalled in transition because of the inability to identify issues to resolution, while the other eleven are stalled because of funding issues. Funding issues were either O&M funding issues or funding to continue R&D.

Next Steps

This document will be included in the virtual meeting materials to the NOAA Science Council in September. A subset of the FY21 Q3 transition projects and stalled transitions will be highlighted in a presentation to the council in November 2021.