

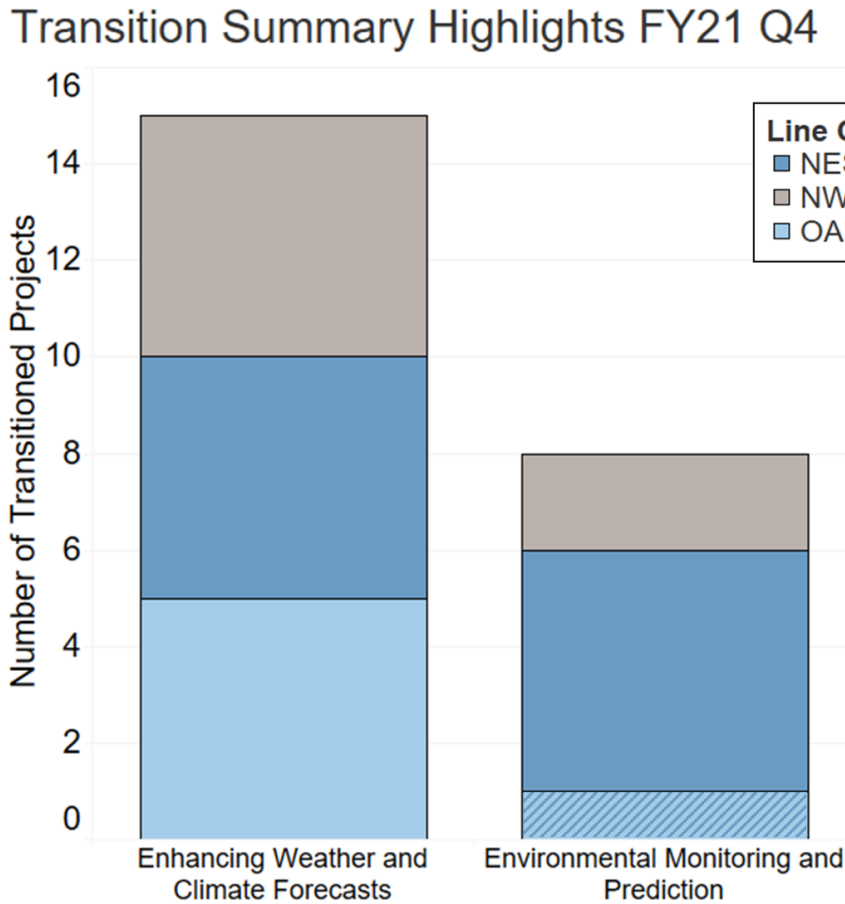
NOAA Quarterly Transition Updates Year 2021 Quarter 4 Summary

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. Since FY20 Q3, the LOTMC developed an approach for collecting and reporting these data in a consistent manner. FY21 Q4 is the fifth iteration of the request.

FY21 Q4 Results (July 1 – September 30, 2021)

Twenty-three transitioned projects were identified in the [spreadsheet](#) for FY21 Q4. 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.

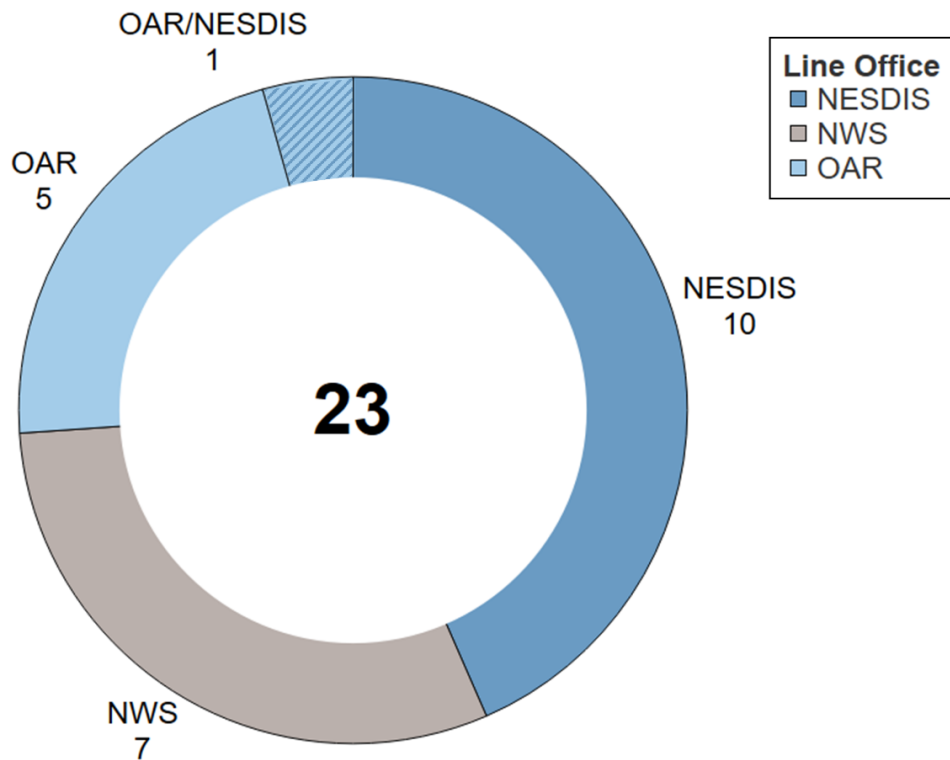


NOAA Quarterly Transition Updates

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- 15 improvements for enhancing weather and climate forecasts
 - Virtual environment for WFO-configured AWIPS testing
 - 11 model improvements on weather and climate forecasting
 - Three product updates to enhance access to weather forecast data
- Eight improvements for environmental monitoring and predictions
 - Six GOES-R satellite product improvements
 - Three model improvements for air and atmospheric prediction

Number of Transitioned Projects by Line Office for FY21 Q4

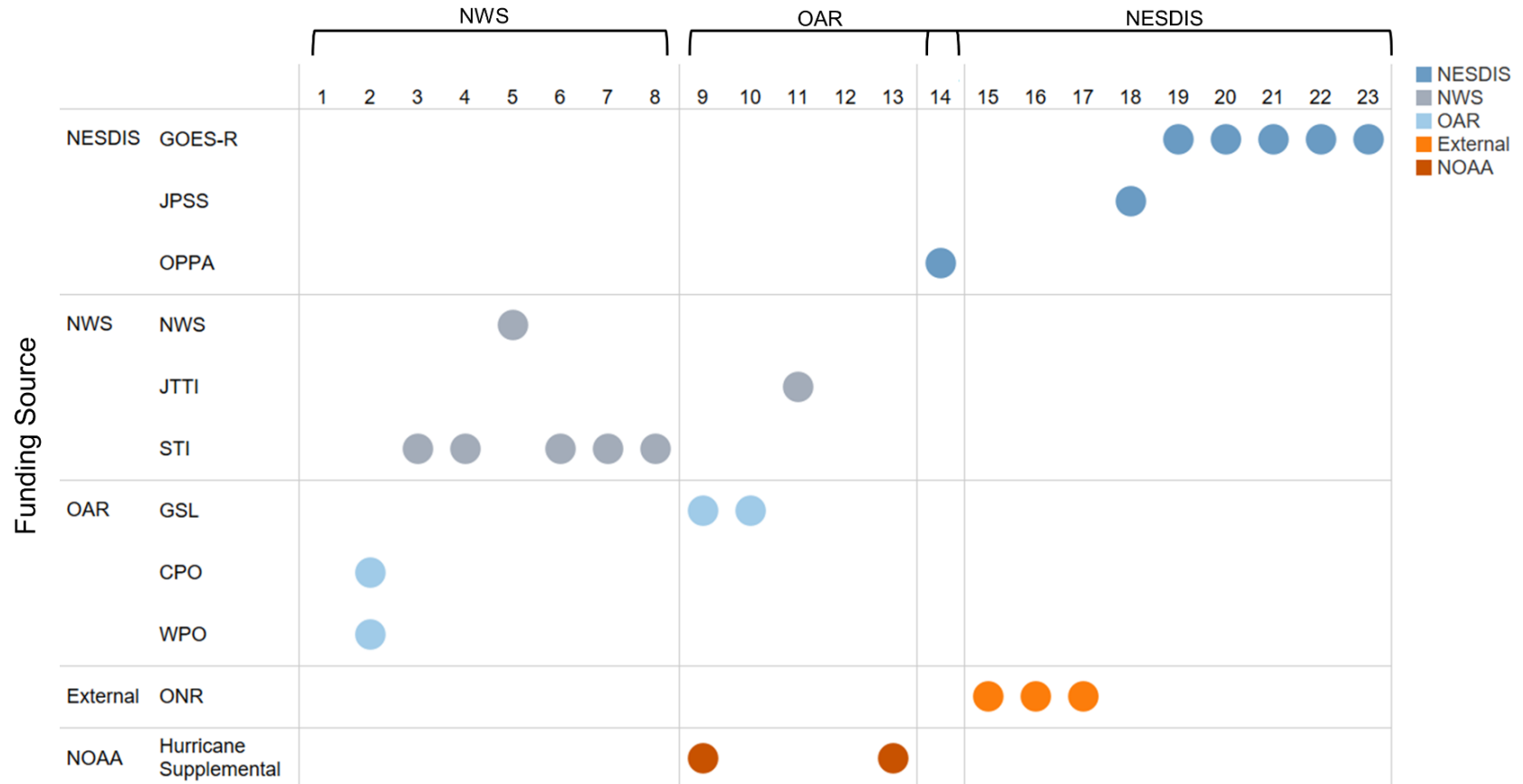


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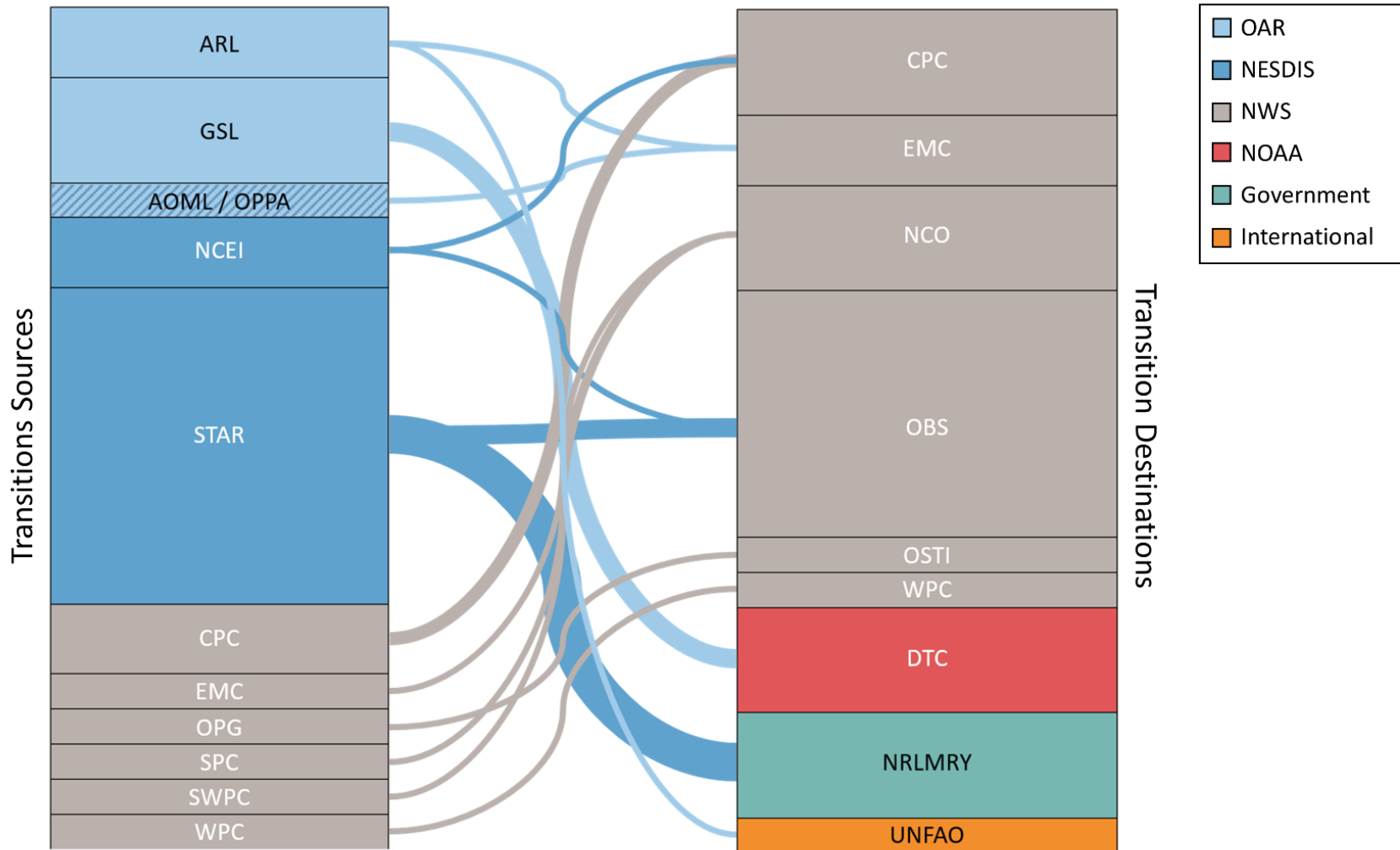
FY21 Q4 Transitioned Project Funding Source

Transitioned project ID on spreadsheet



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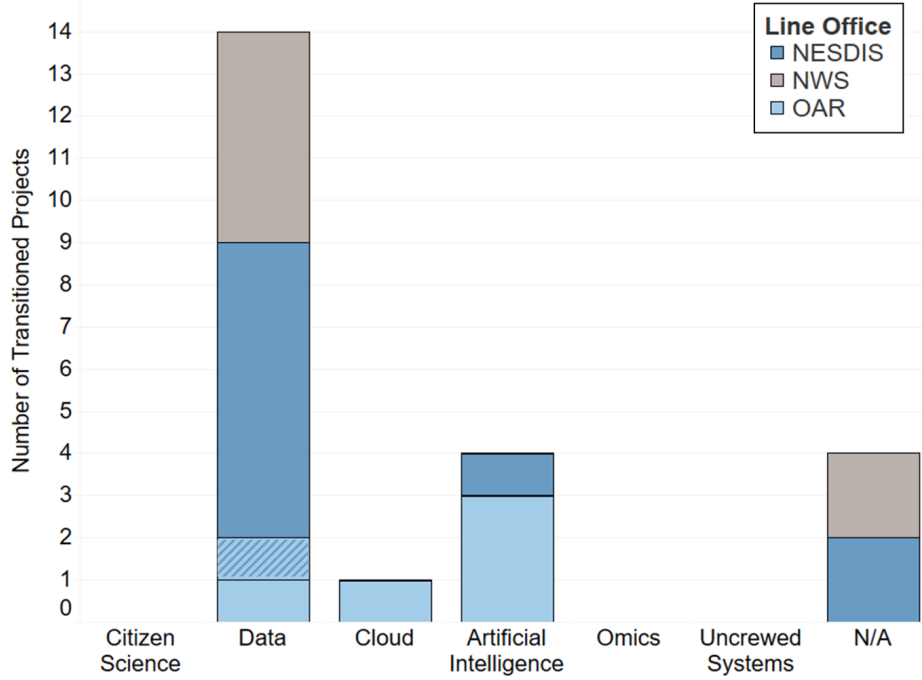
Source and Destination for FY21 Q4 Transitioned Projects



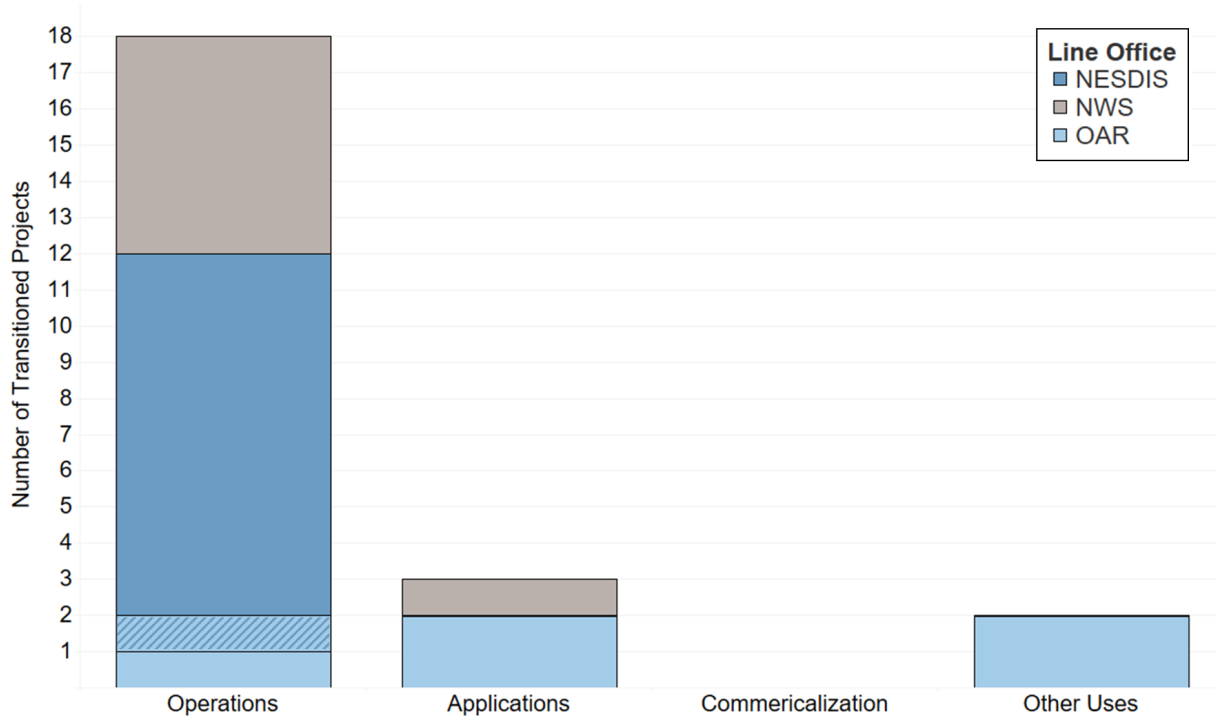
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Transitioned Projects under NOAA Science & Technology Focus Areas



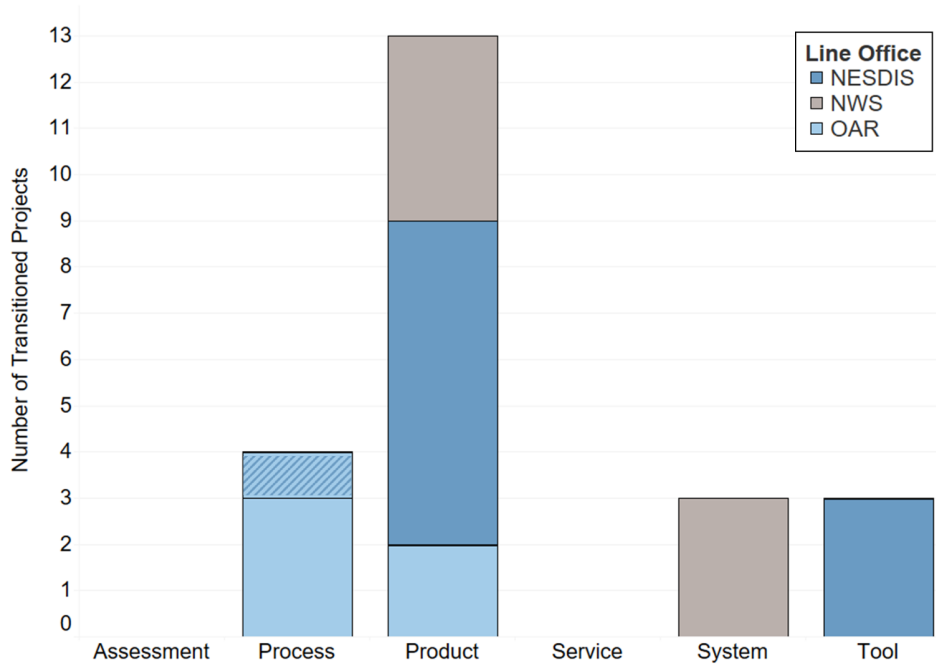
Transition Types for FY21 Q4



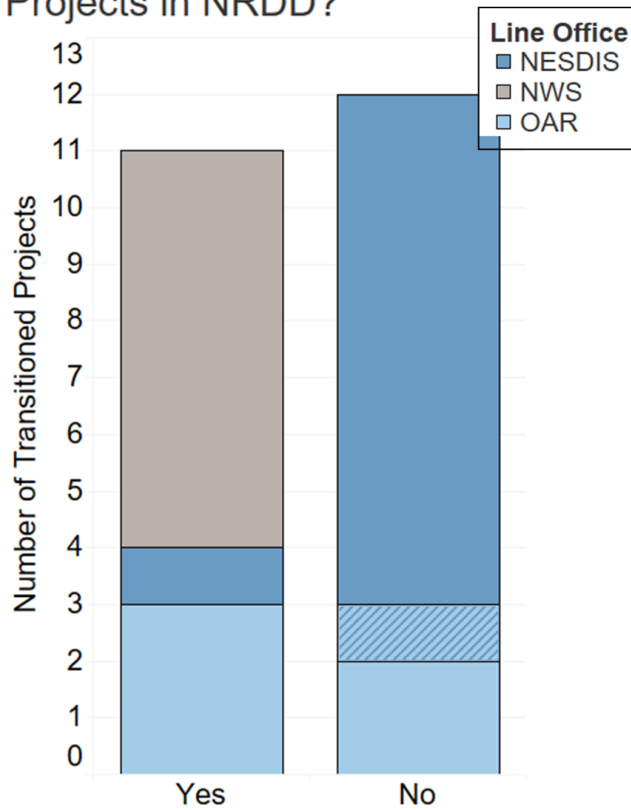
NOAA Quarterly Transition Updates

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Transition Outputs FY21 Q4



Projects in NRDD?



NOAA Quarterly Transition Updates

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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, twelve stalled transitions were identified between OAR and NESDIS. For FY21 Q4, additional information was submitted to two previously identified stalled transitions. No new stalled transition was reported.

Next Steps

This document will be included in virtual meeting materials to the NOAA Science Council in September. A subset of this FY21 Q4 transition report will be highlighted in a presentation to the council.

Methodology

The FY21 Q4 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 Q4, 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 July 1 and September 30, 2021. 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 October 20 - November 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.