

# NOAA Quarterly Transition Updates

## Year 2022 Quarter 1 Summary

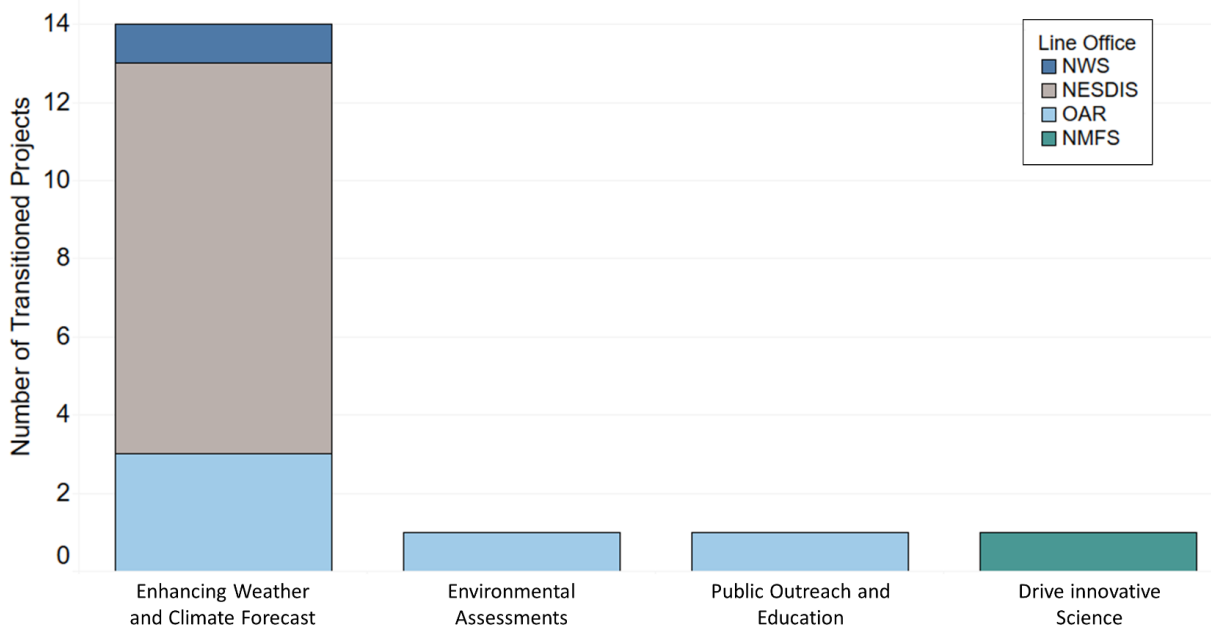
### Background

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. FY22 Q1 is the seventh iteration of the request.

### FY22 Q1 Results (October 1 – December 31, 2021)

Seventeen transitioned projects were identified in the [spreadsheet](#) for FY22 Q1. 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.

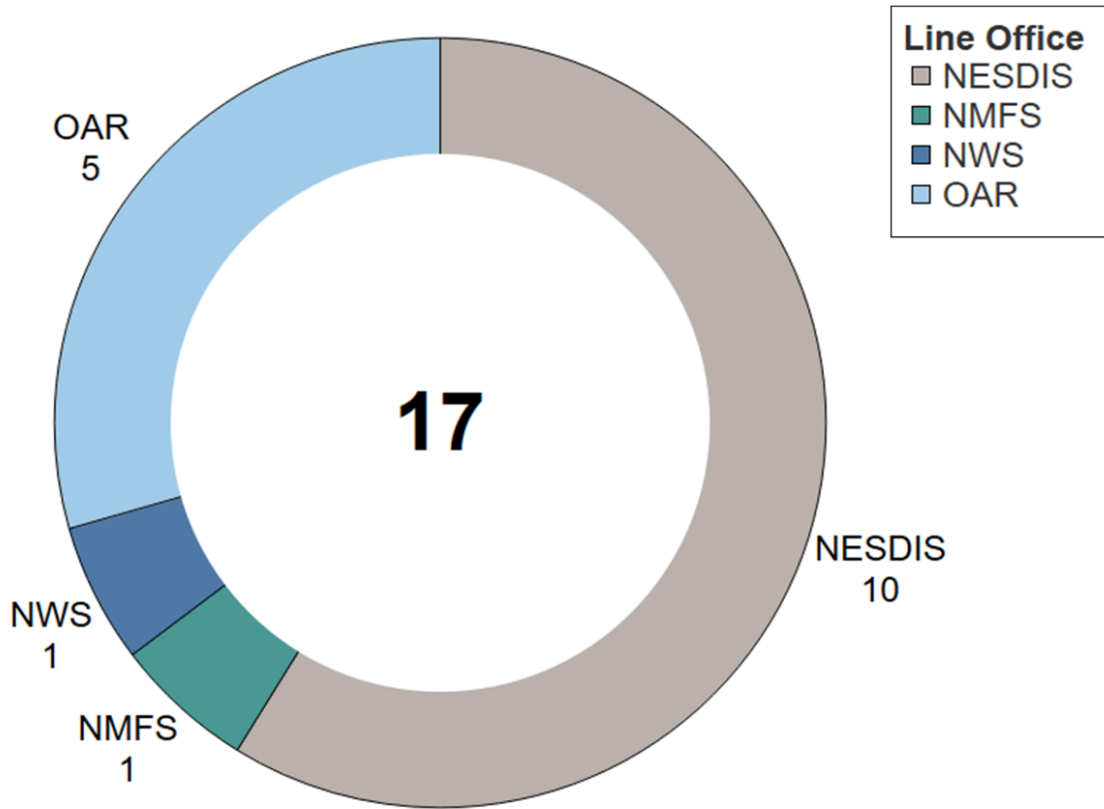
Transition Summary Highlights FY22 Q1



- 14 improvements for enhancing weather and climate forecasts
  - 11 model products to improve weather and climate forecasting
  - Three algorithm and code updates to enhance weather forecast data
- Attribute assessment of climate extreme events, anomalies and trends
- Management and operations of Science On a Sphere® educational exhibits
- Documentation of an hybrid approach with UAS for marine mammal surveys

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Number of Transitioned Projects by Line Office for FY22 Q1

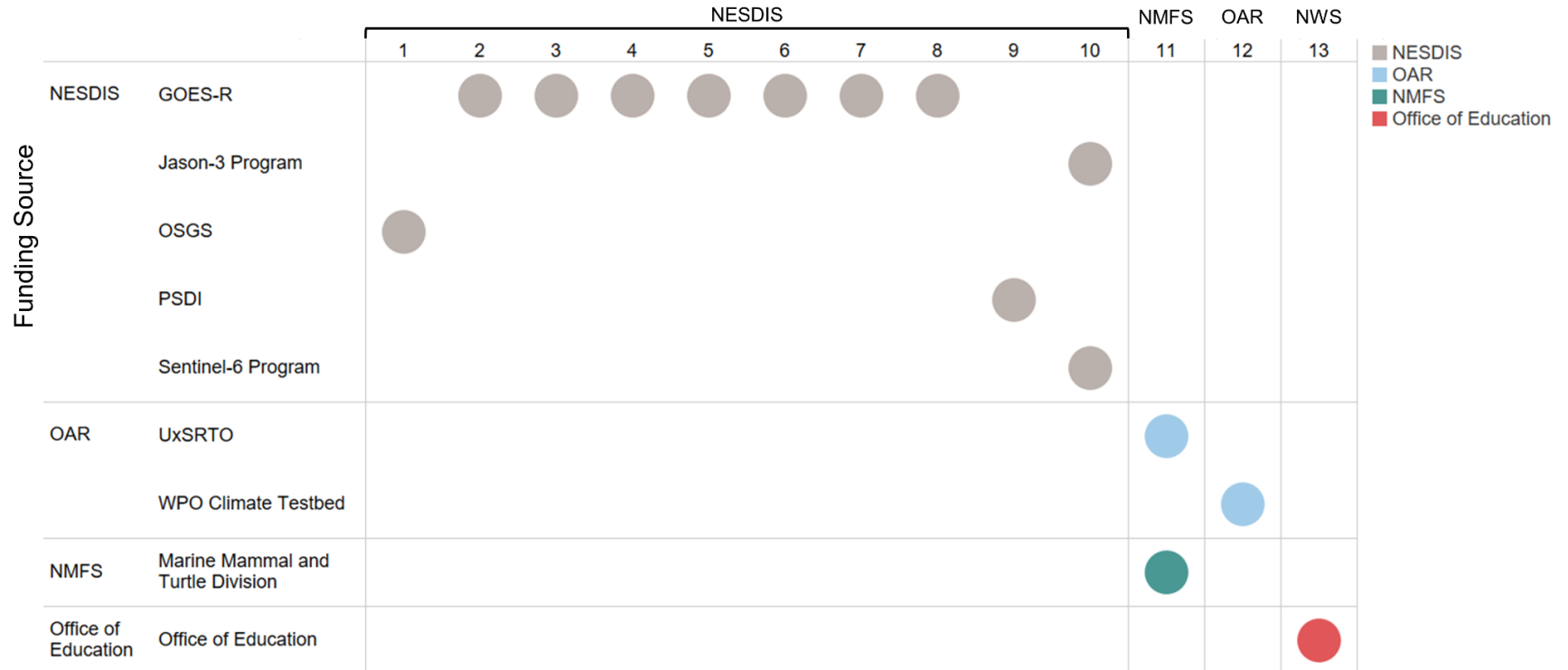


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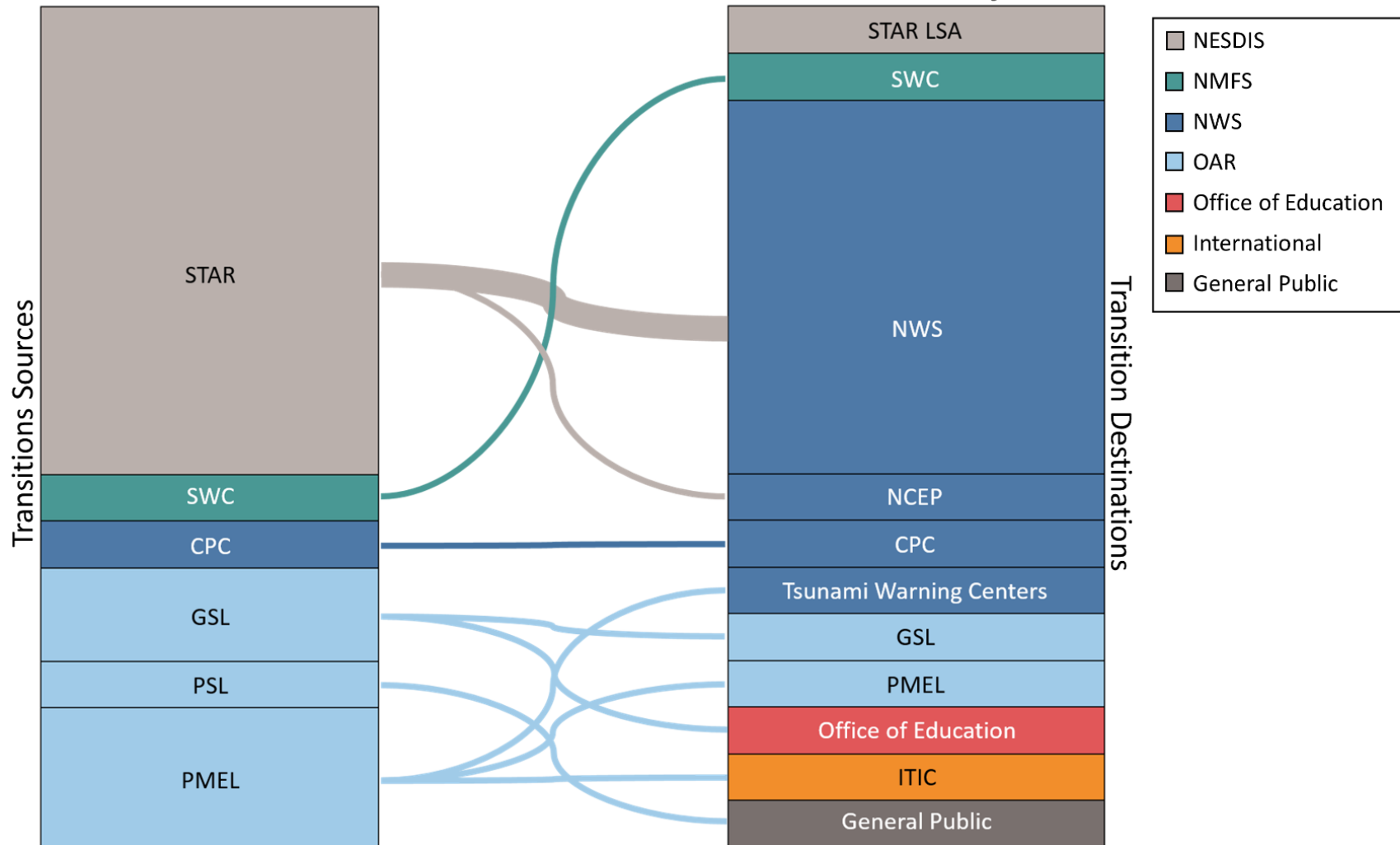
### FY22 Q1 Transitioned Project Funding Source

Transitioned project ID on spreadsheet



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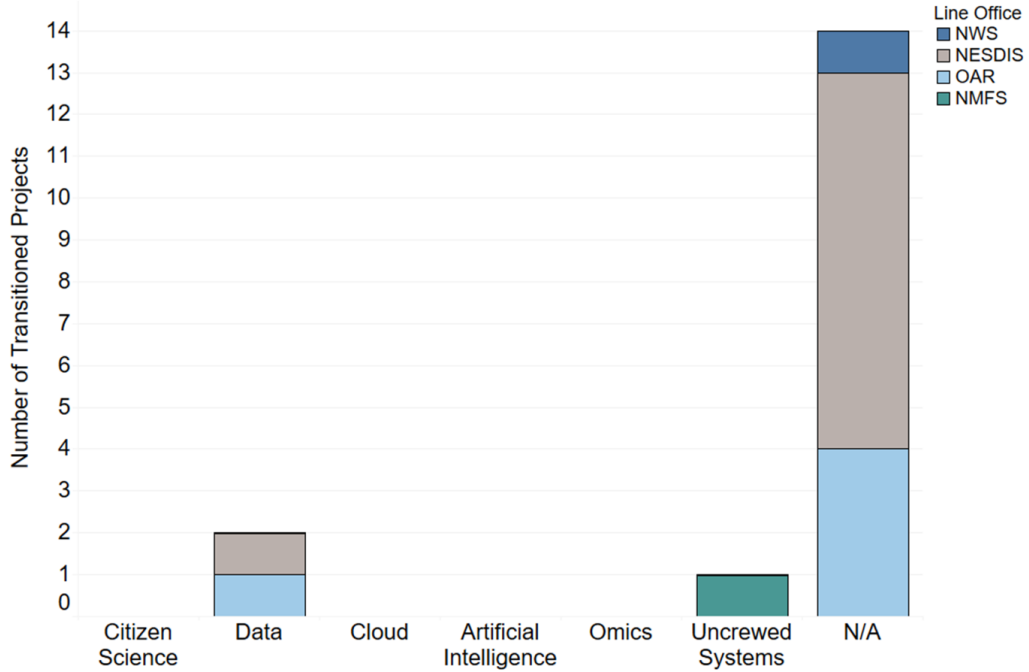
Source and Destination for FY22 Q1 Transitioned Projects



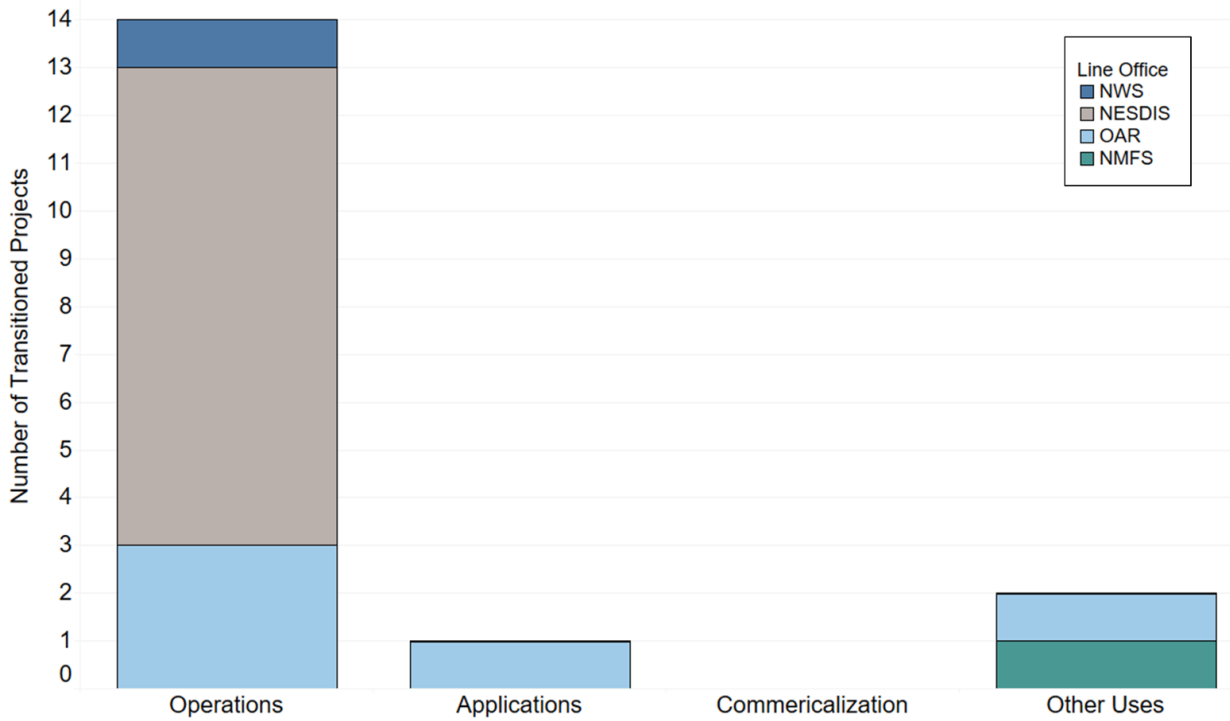
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### Transitioned Projects under NOAA Science & Technology Focus Areas



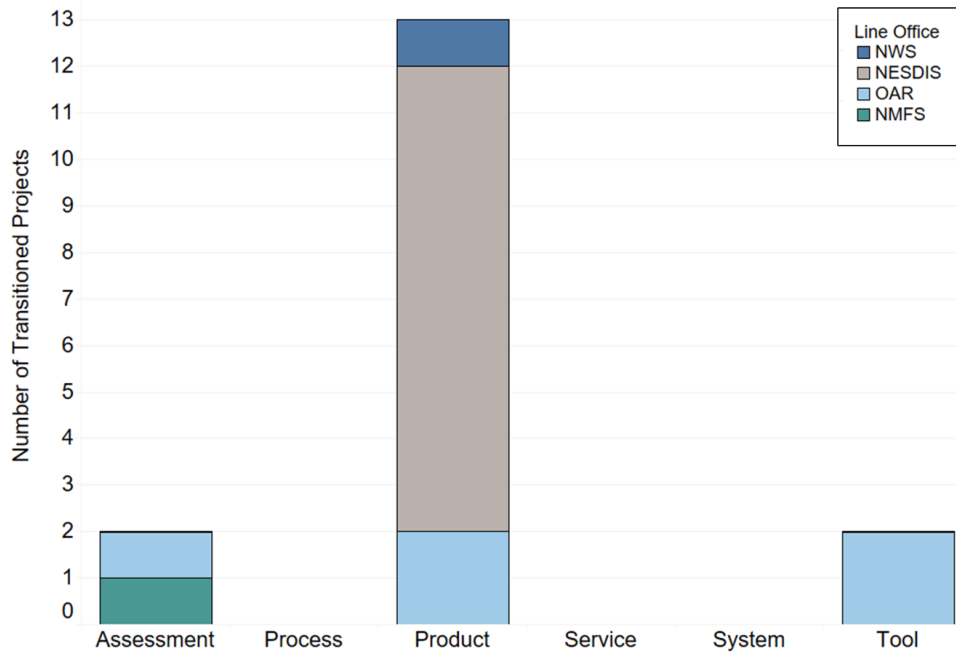
### Transition Types for FY22 Q1



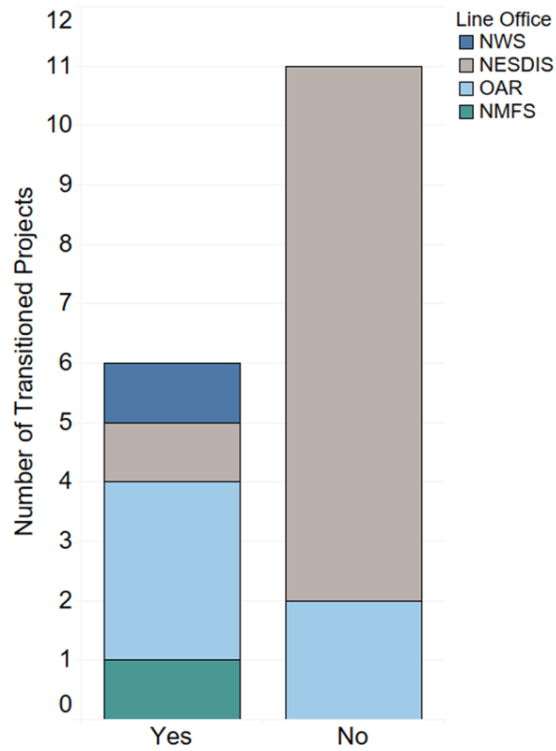
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### Transition Outputs FY22 Q1



### Projects in NRDD?



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### Next Steps

This document will be included in virtual meeting materials to the NOAA Science Council in September. A subset of this FY22 Q1 transition report will be highlighted in a presentation to the council.

### Methodology

The FY22 Q1 data collection spreadsheet followed the same format as the previous data collection. It included the 14 fields from FY21 Q1<sup>1</sup>. See footnote for the full set of fields. Edits to some columns were modified to provide clarity to the data needed for the spreadsheet. These edits include “*from where*” and “*to where*” were modified to “*R&D Organization*” and “*Receiving Entity(s)*” respectively.

To gather the data for FY22 Q1, 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 October 1 and December 31, 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 in January 2022. 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.