# Visualization development process

Once content is approved by the MSG, the IA will hand all content and data over to 18F to design and develop the visualizations for the online data portal

## 18F Product
- 18F develops visualization
- 18F conducts content checks with the IA during visualization development

## OAG-Vetted Product
- Once IA-vetted visualization is complete, 18F shares visualization with OAG
- OAG provides comment/feedback and organizes sector and subject matter expert input as/where needed
- 18F incorporates feedback into new visualization which is vetted by OAG and recommended to relevant Subcommittee

## Subcommittee-vetted Product
- Once OAG-vetted visualization is complete, 18F shares visualization with relevant Subcommittee (Implementation or State & Tribal)
- Subcommittee provides comment/feedback and organizes sector input
- 18F incorporates feedback into final visualization which is then shared with relevant Subcommittee for recommendation to Co-Chairs for approval

## Approved Visualization
- Co-Chairs receive final draft visualization for approval to be published online

### Roles and Responsibilities

**18F’s Role:** Oversee and manage visualization creation and review process. Manage calendar and project plan to develop visualizations.

**Online Advisory Group’s Role:** Review visualizations for data sources, visualization/interactivity, and provide guidance/feedback on overall look and feel, content and sources.

**Subcommittee and MSG Stakeholders’ Role:** Provide feedback on the visualizations for the 18F to incorporate before finalizing for approval to Co-Chairs.

**Co-Chairs’ Role:** Approve final visualization from 18F; resolve conflicts within the Online Advisory Group, Subcommittees, or MSG.

**ONRR’s Role:** Manage both the IA and 18F contracts, timelines, and budgets. Ensure 18F continues to use an iterative design process.

**Independent Administrator’s Role:** Provide oversight and guidance on content accuracy throughout visualization development process and support 18F in project management.

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**Note:** 18F will be responsible for managing this process, but are limited in their scope and capability for project management so will require support from the IA and ONRR.