NISR STATISTICAL PRODUCTION PROCESS MODEL

Overarching Activities

1 NEED

- Identify statistics needed
- Consult and confirm needs
- Establish statistical outputs
- Identify concept
- Verify data availability
- Prepare and submit business case

2 DESIGN

- Design outputs
- Design variable descriptions
- Design collection
- Design frame and sample
- Design processing and analysis
- Design production systems and workflow

3 BUILD

- Reuse or build collection instruments
- Reuse or build processing and analysis components
- Reuse or build dissemination components
- Configure workflows
- Test production systems
- Test statistical business process
- Finalise production systems

4 COLLECT

- Create frame and select sample
- Set up collection
- Run collection
- Finalise collection

5 PROCESS

- Integrate data
- Classify and code
- Review and validate
- Edit and impute
- Derive new variables and units
- Calculate weights
- Calculate aggregates
- Finalise data files

6 ANALYSE

- Prepare draft outputs
- Validate outputs
- Interpret and explain outputs
- Apply disclosure control
- Finalise outputs

7 DISSEMINATE

- Update output systems
- Produce dissemination products
- Manage release of dissemination products
- Promote dissemination products
- Manage user support

8 ARCHIVE

- Define archive rules
- Manage archive repository
- Preserve data and associated metadata
- Dispose of data & associated metadata

9 EVALUATE

- Gather evaluation inputs
- Conduct evaluation
- Agree an action plan

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