



Survey Results on the Use of ModernStats Models in OIC Member Countries

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**Workshop on “Generic Models of
Statistical Production”**

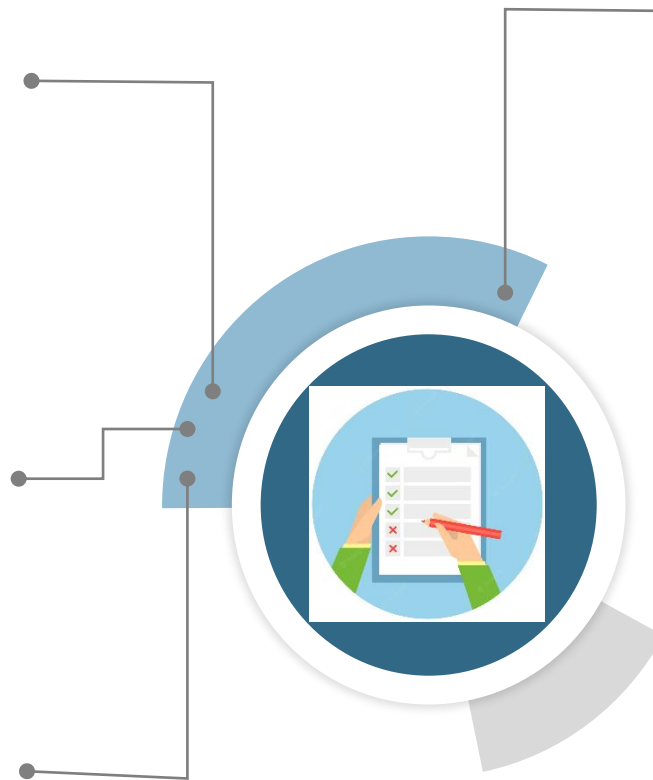
10–11 July 2023



The UNECE's High-level Group for the Modernisation of Official Statistics (HLG-MOS) has developed GAMS0, GSBPM, GSIM, and CSPA to modernize official statistics production.

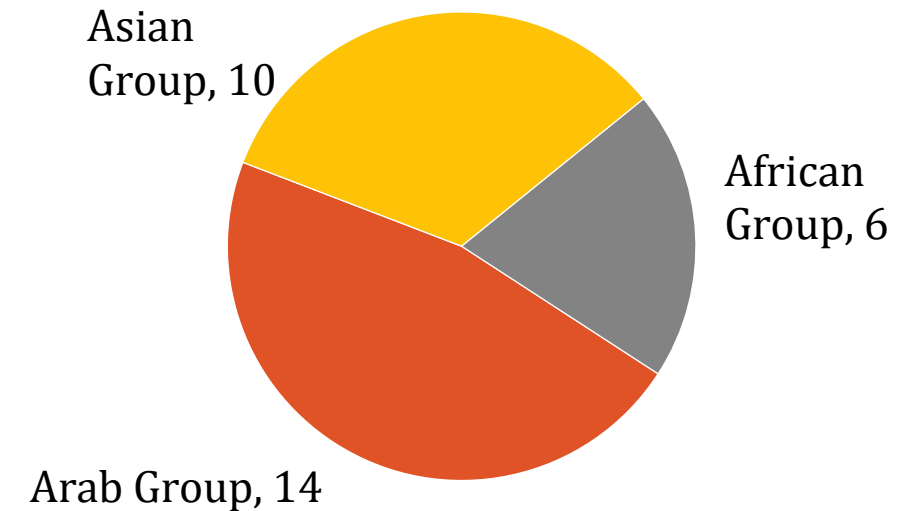
NSOs of OIC countries differ in their adoption and use of these statistical models.

This survey assesses how ModernStats models are used in the NSOs of OIC countries and identifies any issues encountered while using them.

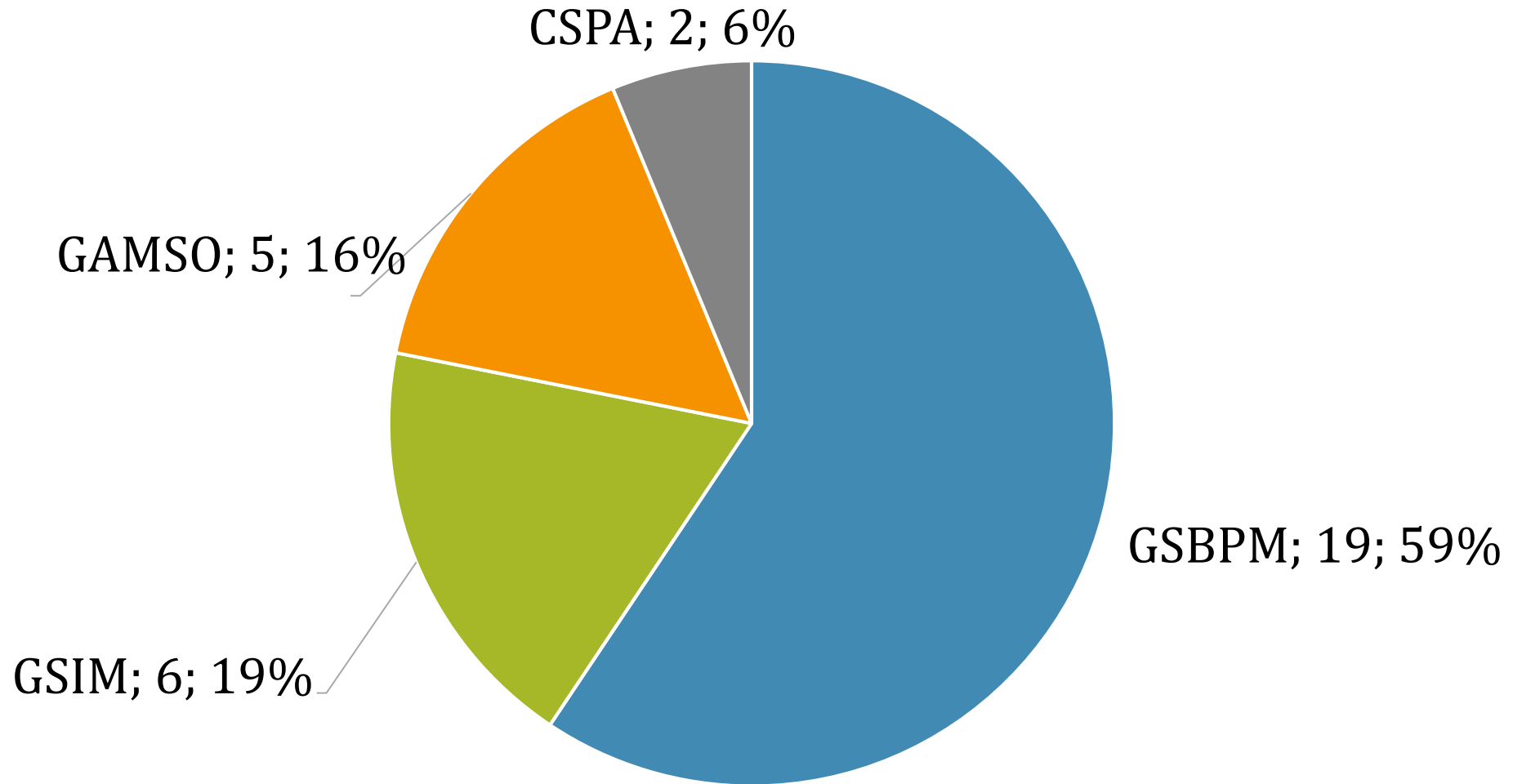


- Circulated on 29 March 2023.
- As of 5 July 2023, **30 NSOs** have submitted their responses (**53.6% response rate**).

Respondents by Official 3 Regional Groups of the OIC Countries



Overall Implementation of ModernStats Models in OIC Countries

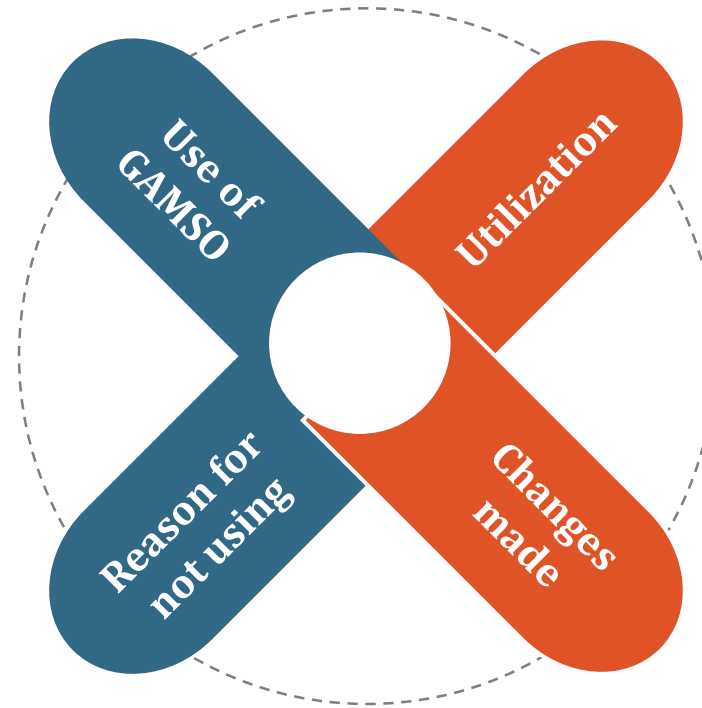


Generic Activity Model for Statistical Organizations (GAMSO)



- Not using: 18
- Interested: 6
- Basic or limited: 1
- Widespread awareness: 3
- Used in consistent manner: 1

- Not aware: 12
- Doesn't know where & how to use: 6
- No need: 1
- Other:
 - Currently considering to use GAMSO
 - Relies on its own independent documents

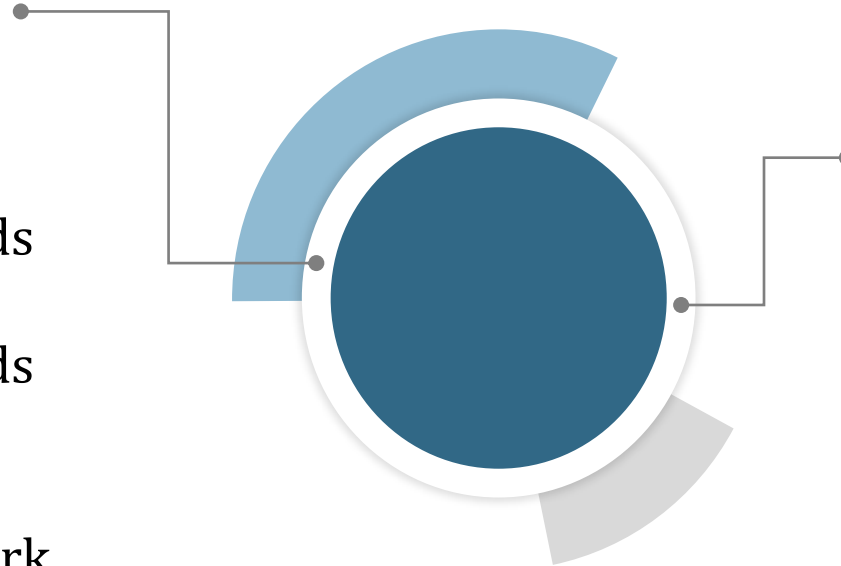


- As-is: 4
- Use the national version of GAMSO: 1

- Translation into national language: 2
- Addition of new activities: 1
- Other:
 - An integrated national model was adopted prior the release of GAMSO model within electronic system
 - Recently approved national model as-is but not yet fully implemented

Benefit of using GAMSO

- No benefit: 1
- Ease of internal communication: 3
- Ease of external communication: 4
- Facilitate sharing of methods within the organization: 2
- Facilitate sharing of methods with other organization: 3
- Other:
 - Raising the quality of work and statistical processes



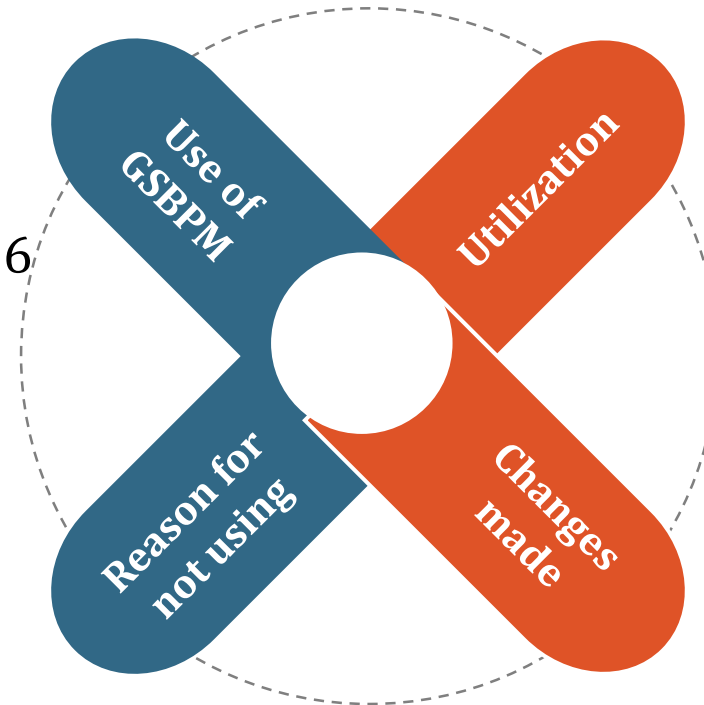
Problem/difficulty while using GAMSO

- Lack of support from colleagues: 1
- Lack of resources available: 7
- Lack of support from international community: 6
- Other:
 - Difficulty to adopt new activity model as it requires significant effort and collective desire for change.

Generic Statistical Business Process Model (GSBPM)



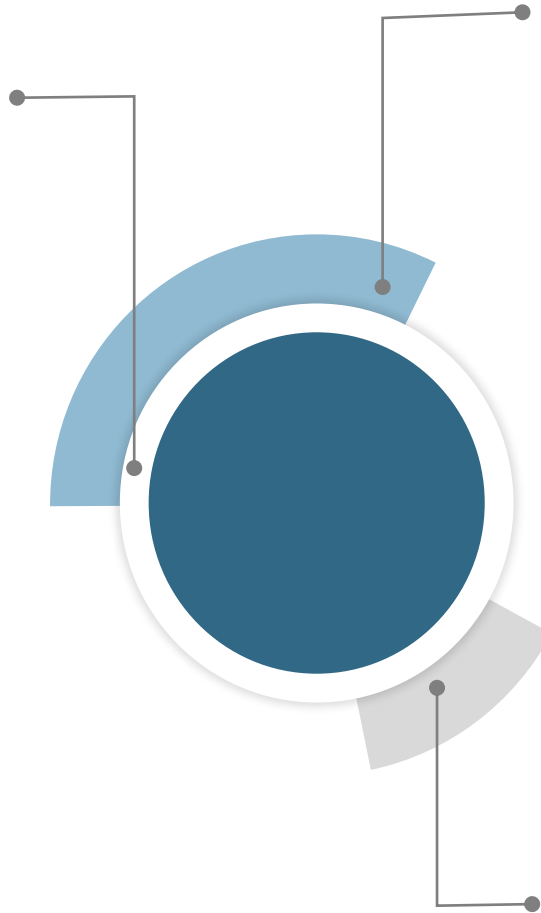
- Not using: 8
- Interested: 2
- Basic or limited: 3
- Spreading but practice varies: 4
- Widespread awareness: 7
- Has widespread expertise with usage and application of GSBPM: 6
- Other:
 - Used through internally developed electronic system used by all staff
- Not aware: 8
- Doesn't know where & how to use: 6
- Lack of support among colleagues: 3



- As-is: 9
- Use the national version of GSBPM: 9
- Translation into national language: 8
- Addition of finer level: 1
- Modification of phases: 1
- Addition of new sub-processes: 1
- Modification of sub-processes: 2

Benefit of using GSBPM

- Ease of internal communication: 14
- Ease of external communication: 9
- Ease of comparing processes within the organization: 12
- Facilitate sharing of methods within the organization: 10
- Facilitate sharing of methods with other organization: 6
- Other:
 - Helping to evaluate sub-processes and calculate quality indicators
 - Facilitate quality management/metadata/resource management/programme planning, etc.



Problem/difficulty while using GSBPM

- Lack of support from senior management: 2
- Lack of support from colleagues: 3
- Lack of resources available: 8
- Lack of support from international community: 4
- Other:
 - Need to deepen understanding
 - Legislative issues

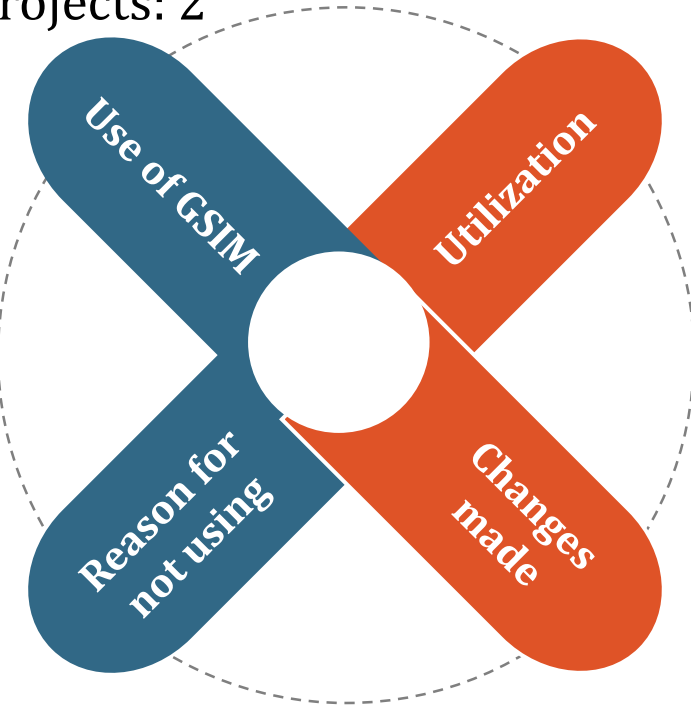
Purpose of using GSBPM

- Quality management: 22
- Resource monitoring: 12
- Restructuring of organisations/operations: 14

Generic Statistical Information Model (GSIM)

- Not using: 16
- Interested: 4
- Basic or limited: 2
- Spreading but limited to individual projects: 2
- Widespread awareness: 1
- Fully adopted: 2

- Not aware: 13
- Doesn't know where & how to use: 6
- Has its own information model: 1
- Lack of support at the senior management level: 1
- Other:
 - Data quality framework is used within the operations system
 - Work is underway to use the model.
 - Aware but not using
 - Lack of resource available

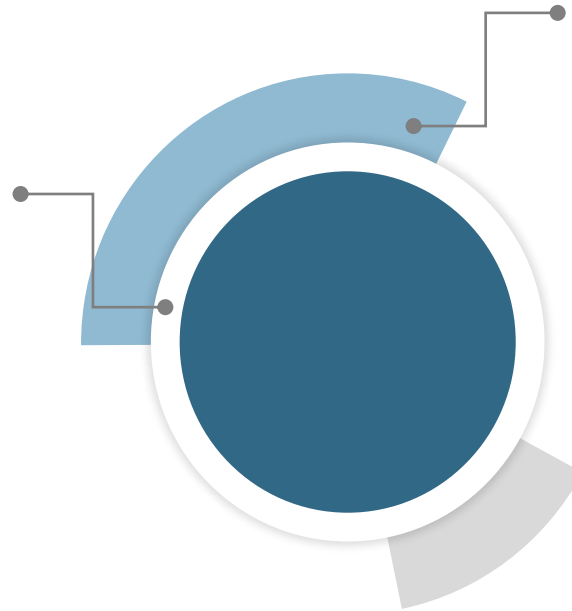


- As-is: 2
- Use the national version of GSIM: 2

- Translation into national language: 1
- Modification of information objects (e.g. definition, attributes, relationship, etc.) which are in the GSIM: 2

Benefit of using GSIM

- Ease of internal communication: 3
- Ease of external communication: 2
- Facilitate sharing of methods within the organization: 4
- Facilitate sharing of methods with other organization: 1
- Other:
 - An NSO's Metadata System uses GSIM information objects and relations as a reference for setting up an information model.

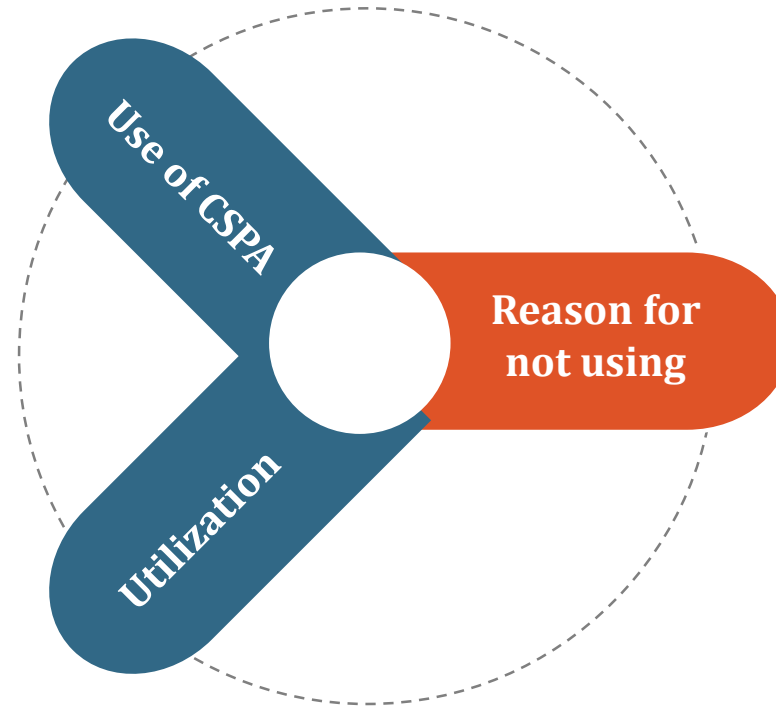


Problem/difficulty while using GSIM

- Lack of resources available: 7
- Lack of support from international community: 10
- Other:
 - Lack of clarity on how the model relates to other criteria and models such as the applied GSBPM model.

- Not using: 17
- Applications run as separated instances: 4
- Try to make modular and share the code: 3
- Start to be implemented, but implementation is partial: 1
- Follow the guideline and principles contained in CSPA: 1

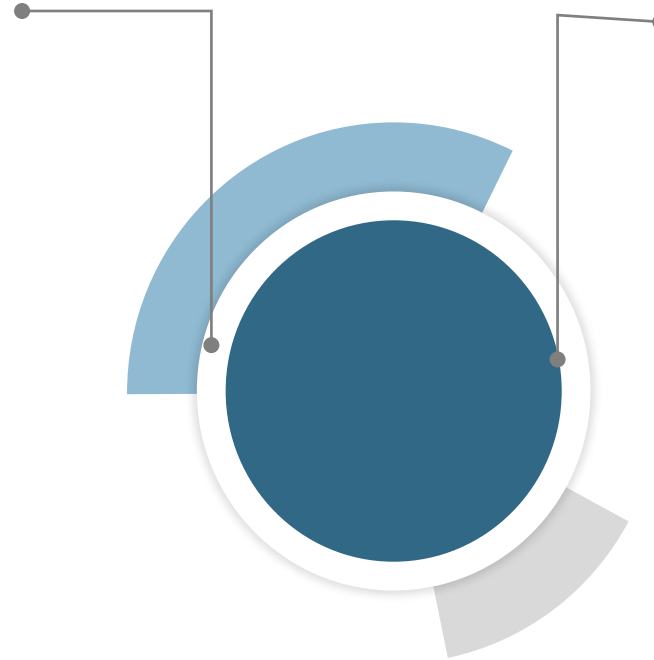
- Use the national version of CSPA: 1



- Not aware: 15
- Doesn't know where & how to use: 8
- Does not feel the need: 3
- Has its own production architecture: 3
- Lack of support at senior management level: 2

Benefit of using CSPA

- Ease of internal communication: 1
- Ease of external communication: 1
- Facilitate sharing of methods within the organization: 1
- Facilitate sharing of methods with other organization: 2



Problem/difficulty while using CSPA

- Lack of resources available: 7
- Lack of support from international community: 7
- Other:
 - Lack of clarity on how the model relates to other criteria and models such as the implementation of GSBPM.
 - No qualified staff familiar with the model.

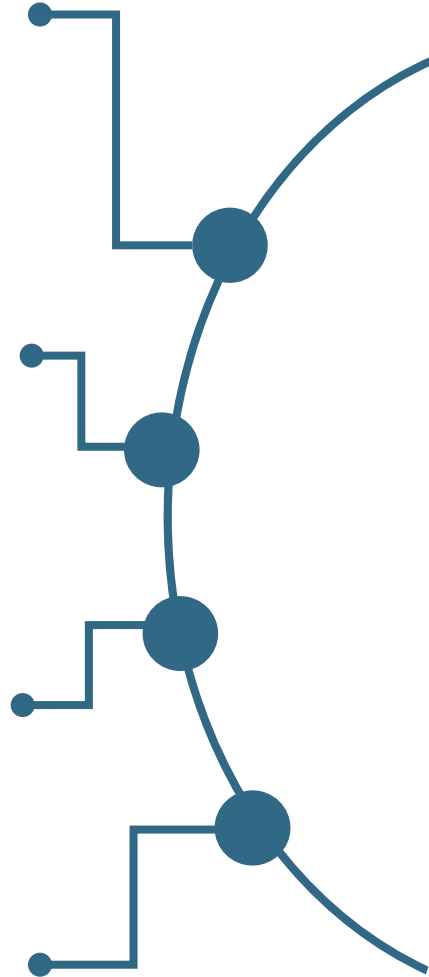
Respondents' Comment/Suggestion

Need specific manual on how to integrate the ModernStats models.

Need technical support in order to fully implement ModernStat models into NSS.

Need more practical trainings and workshops.

Lack of resources and expertise/knowledge on how to integrate the models.

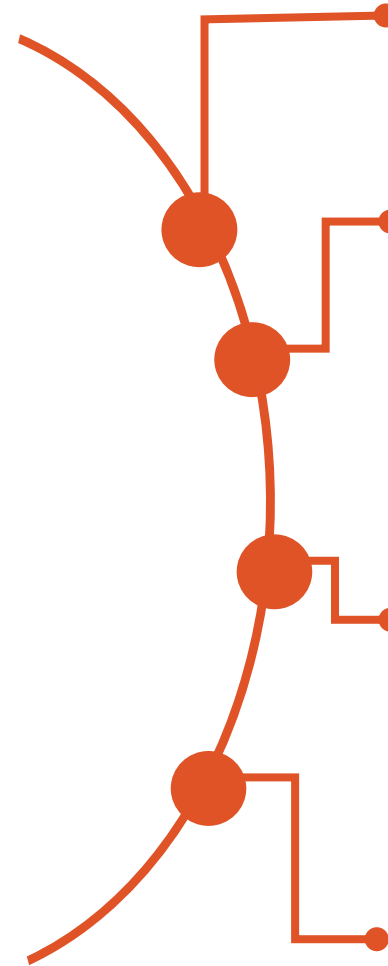


Dissemination and transfer of successful experiences or expertise.

Required technical support for use of combined models.

The extent to which these models conflict or are compatible with other similar models from other entities or organisations.

Need tool (or software) to measure the quality and follow-up the application of ModernStat models (e.g., GSBPM).



Thank You



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