



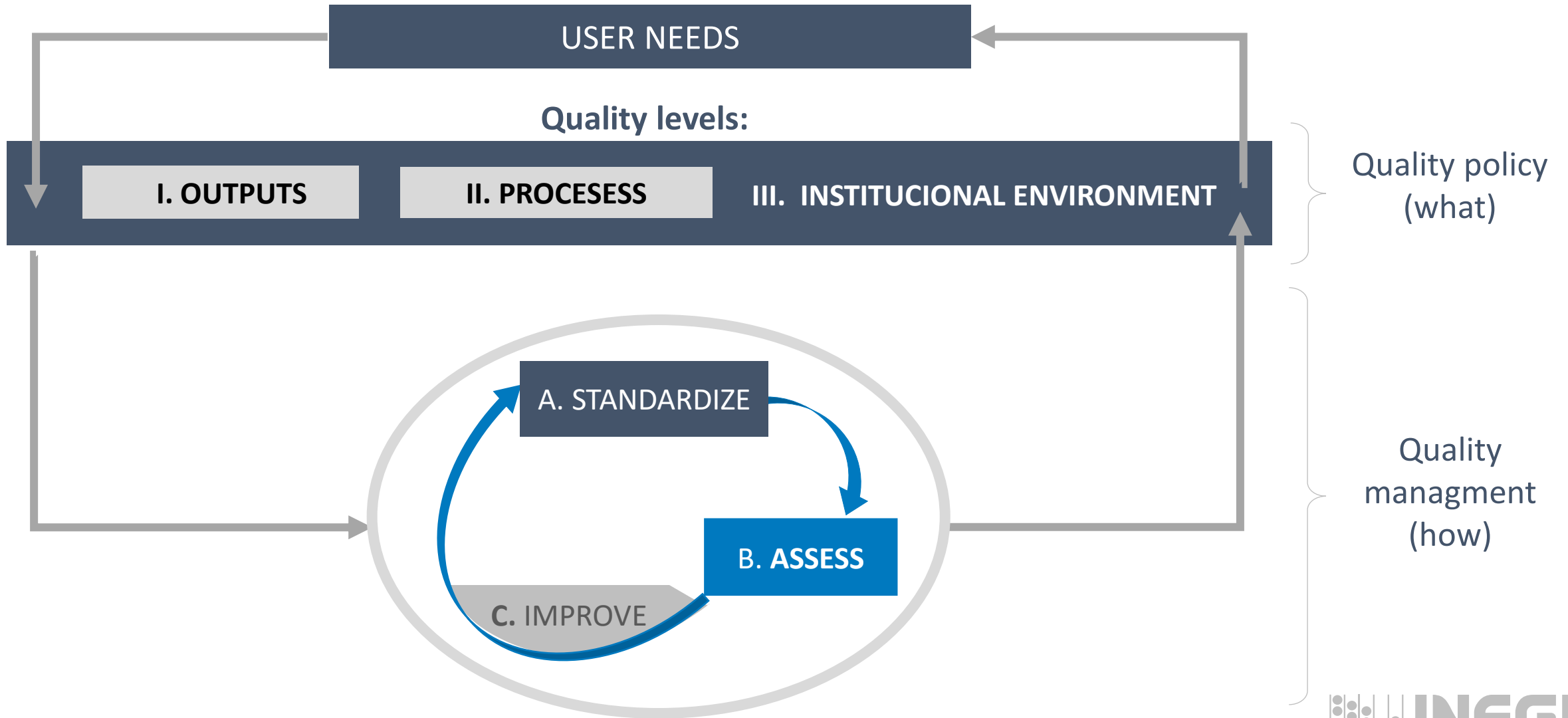
NQAF implementation: the mexican experience



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February 2023

Quality assurance strategy



Quality policy based on the NQAF



USERS

Outputs

Relevance

Timeliness and
punctuality

Managing
metadata

Accessibility
and clarity

Coherence and
comparability

Accuracy and
reliability

Processes

Relationships
with users &
providers

Methodological
soundness

Respondent
burden

Statistical
standards

Appropriate
procedures

Cost-
effectiveness

PROVIDERS

Institutional environment

Objectivity

Transparency

Commitment to
quality

Adequacy of
resources

Coordinación del
SNIEG

Independence

Confidentiality

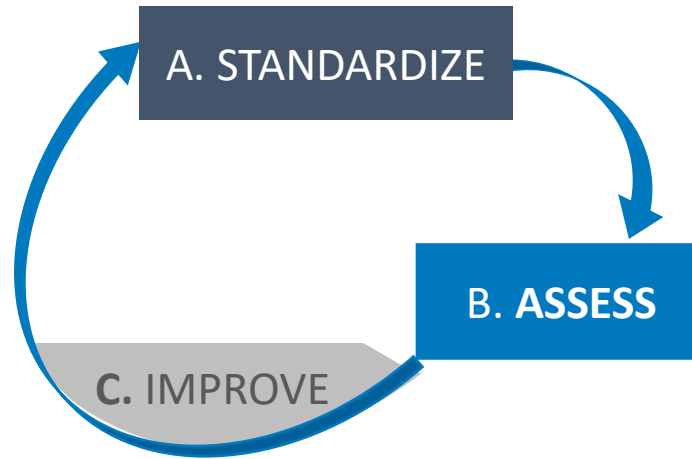
1. Quality policy approved by the board.
2. Quality assessment in 99 statistical processes (based on the NQAF checklist)
 - Specific easy improvements (complete the calendar, post all the methodologies)
 - Different practices among similar production methods
 - Poor documentation
 - Few output assessments

Quality management



Annual quality report.

- GSBPM adoption through an internal rule.
- Evidence system.



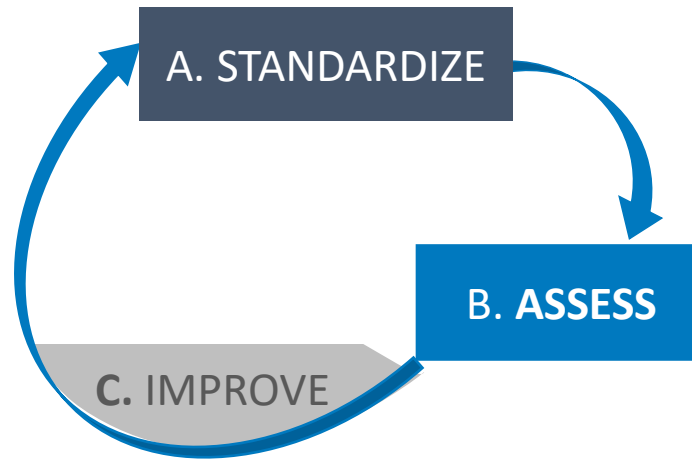
- Quality indicators for output quality principles.

- Improvement follow-up system (pilot tests and statistical output tests).
- Quality courses (10).

Next steps



- Subprocess guides.



- Assessment through the process evidence.

- New quality courses.



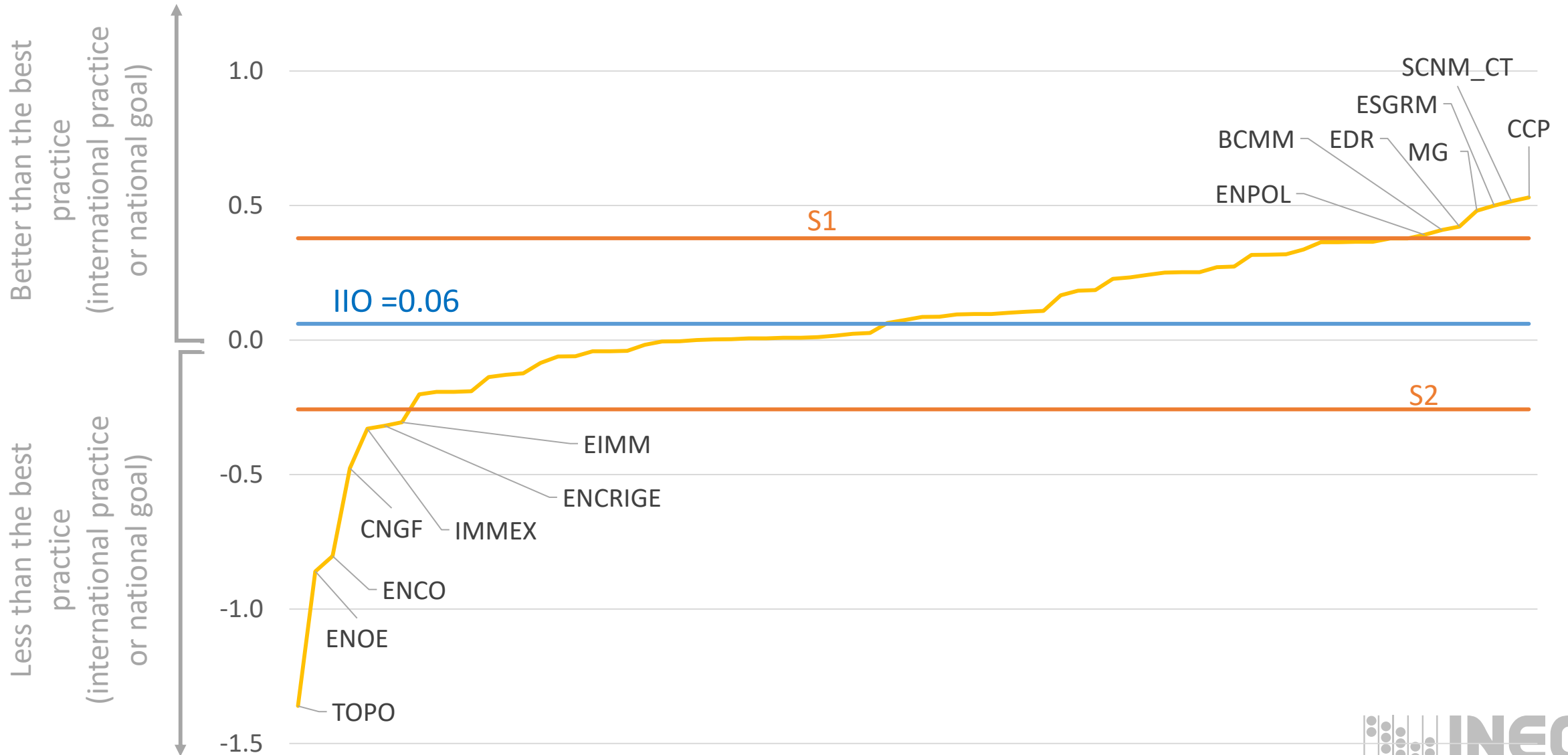
Quality report example



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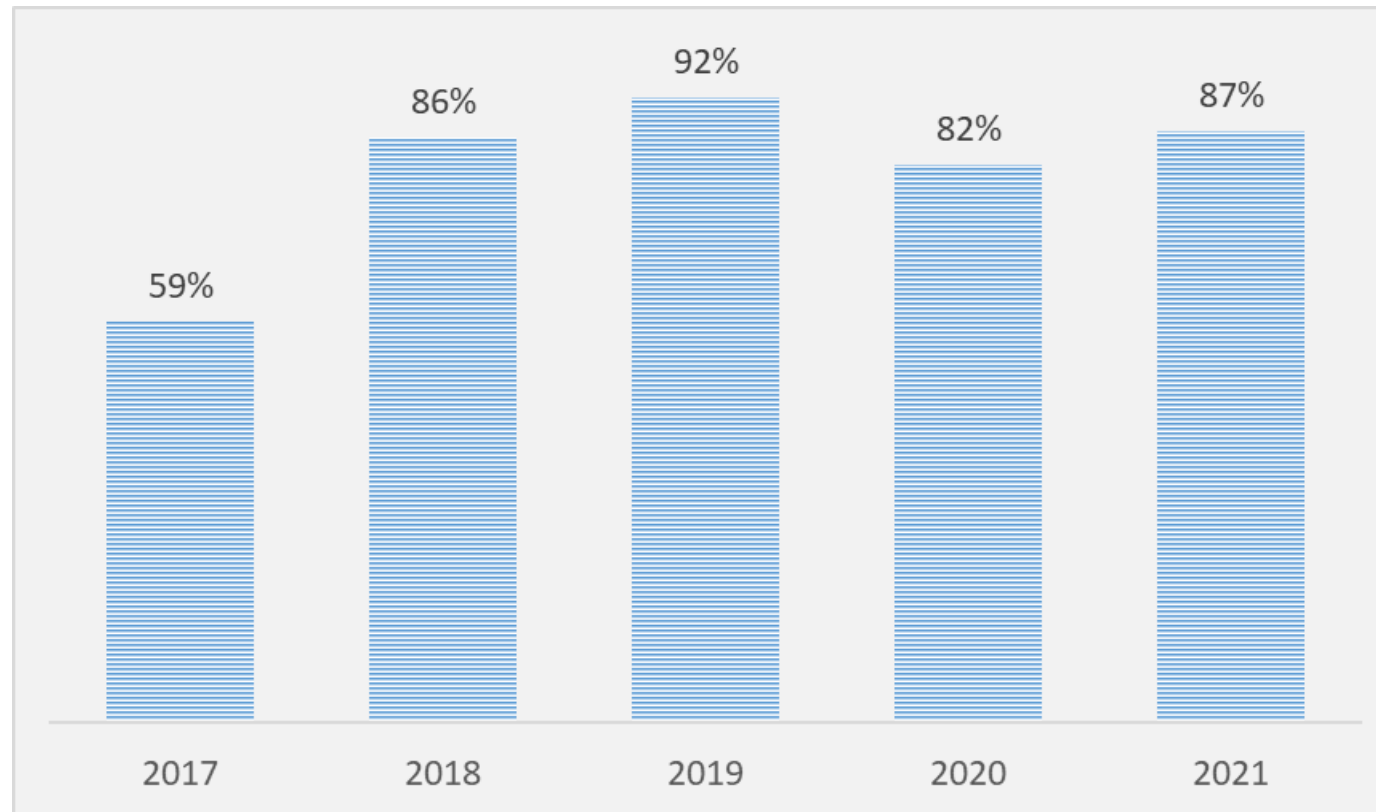
Annual Quality Report: timeliness



Annual Quality Report: accessibility and metadata



Percentage of data processes that published metadata based on an international standard



Annual Quality Report: accuracy (administrative data)



		2019	2020	2021
Administrative data	Promedio de las tasas de no respuesta por unidad	1.0%	1.4%	1.1%

Programas con tasas de no respuesta a nivel variable mayores a cero

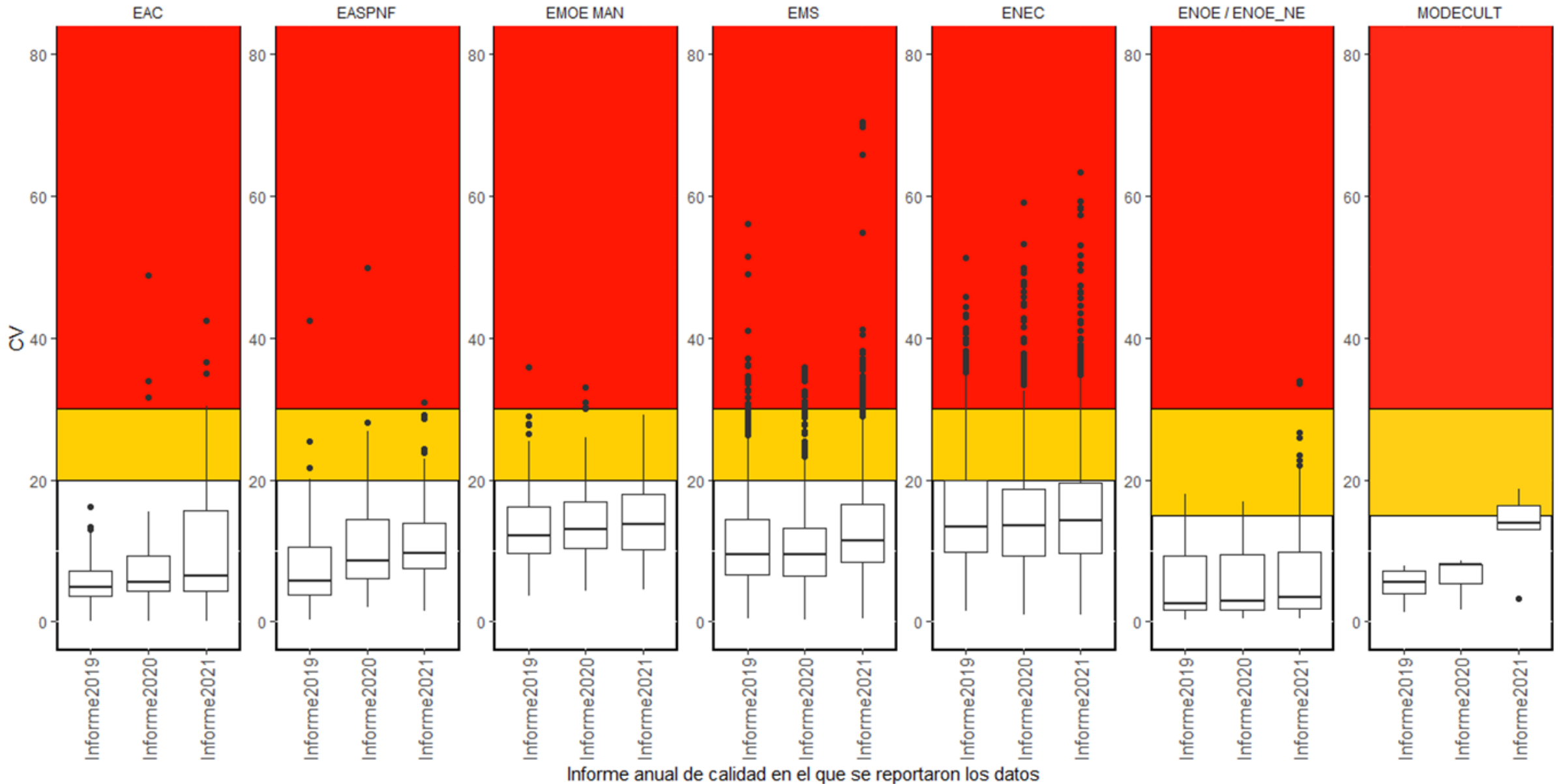
Acrónimo	Número de variables			Tasa de no respuesta a nivel variable (%)					
				Media			Máxima		
	2019*	2020*	2021**	2019*	2020*	2021**	2019*	2020*	2021**
ATUS	1	1	1	0	1	1	0	1	1
EDR	39	39	39	4	6	3	13	100	38
EDF	45	-	45	8	-	5	70	-	86
ENR	34	-	33	7	-	7	78	-	92
EMAT	18	18	18	7	7	8	56	100	76
ED	54	54	54	7	8	8	44	90	91
EM	-	23	23	-	0	0	-	9	14
ERLAJUL	-	7	8	-	12	11	-	100	100

Annual Quality Report: accuracy (surveys)



	2019	2020	2021
Percentage of study domains of non-probabilistic surveys that presented high statistical quality in Coverage of the Design Variable for the published objective indicators.	75%	75%	75%
Percentage of study domains of probabilistic surveys that presented high statistical quality in the Coefficients of Variation for the published objective indicators	90%	92%	91%
Percentage of programs with a non-response rate higher than expected in the sample design	5%	26%	37%
Percentage of programs that presented full compliance in the minimum expected sample	91%	35%	52%
Average imputation rates at the observation unit level	7%	18%	21%

Annual Quality Report: accuracy (surveys)



Quality courses



COURSE	TRAINED PEOPLE	% TARGET POPULATION
Administrative data accuracy indicators	826	73%
Administrative data accuracy indicators: practical application	406	64%
Administrative data quality assesment system (HECRA)	955	ND
Quality principles	8 489	71%
GSBPM: introduction	12 796	83%
GSBPM: Rally	11 679	79%
GSBPM: P-Tracking system	347	90%
GSBPM: workshop	352	92%

New courses:

- Accuracy indicators for census
- Concpt design for sruveys



Thank you



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February 2023
