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PRASC



Project for the Regional
Advancement of Statistics
in the Caribbean

Projet régional pour
l'avancement de la statistique
dans les Caraïbes

Funded by the
Government
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PRASC

Population Estimates
Component: Household Survey Infrastructure

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Module 3.3

Estimating the number of Deaths

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Registration of deaths

- How does OECS members get their information?
 - Governance
 - On-going? Regular frequency?
 - Under what format is it received?
 - Microdata vs Aggregates

- Timeliness: what is delay between reference date and receiving date?



Registration of deaths

- Info required for population estimates purposes (CCM):
 - Date of death
 - Sex and DOB of deceased
 - Age can be used but DOB is preferred
 - If Age only, assumption must be done to link deaths to the proper birth cohorts
- Microdata is preferred but data can be supplied under the form of an aggregate table



Absence of information

- When DOBs are missing, we have then to rely on age of the deceased at the time of death
- We will look into Edit & Imputation (E&I) processes later.



Registration of deaths

- Coverage: we are looking at deaths from usual residents
 - Deaths from foreigners: is it included?
 - Deaths of usual residents in other countries

- What about late registrations?
 - Does it exist?
 - How does OECS members could integrate them into its calculation of population estimates?

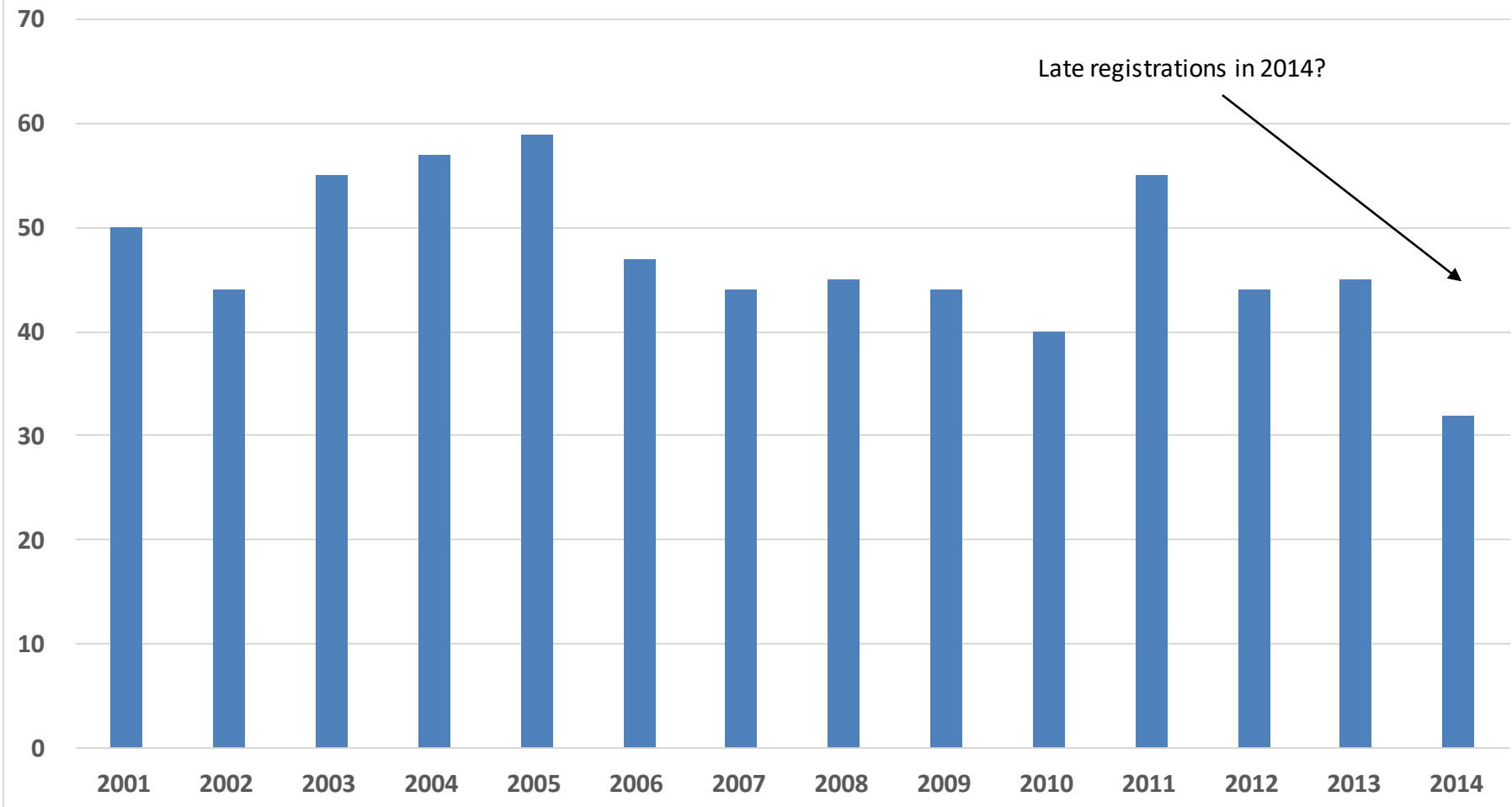


Quality Assurance Control

- Before including the info into the population estimates calculation process, QAC must be done on data
- Tools for Quality evaluation
 - Pay attention to small numbers!
 - Historical Series (missing cases, outliers)
 - Analysis of trends (numbers, seasonal variation)
 - Demographic indicators
- Main indicators: Life expectancy, Age- and sex- specific Death Rates
 - Historical Series
- Other sources of information to evaluate death records?

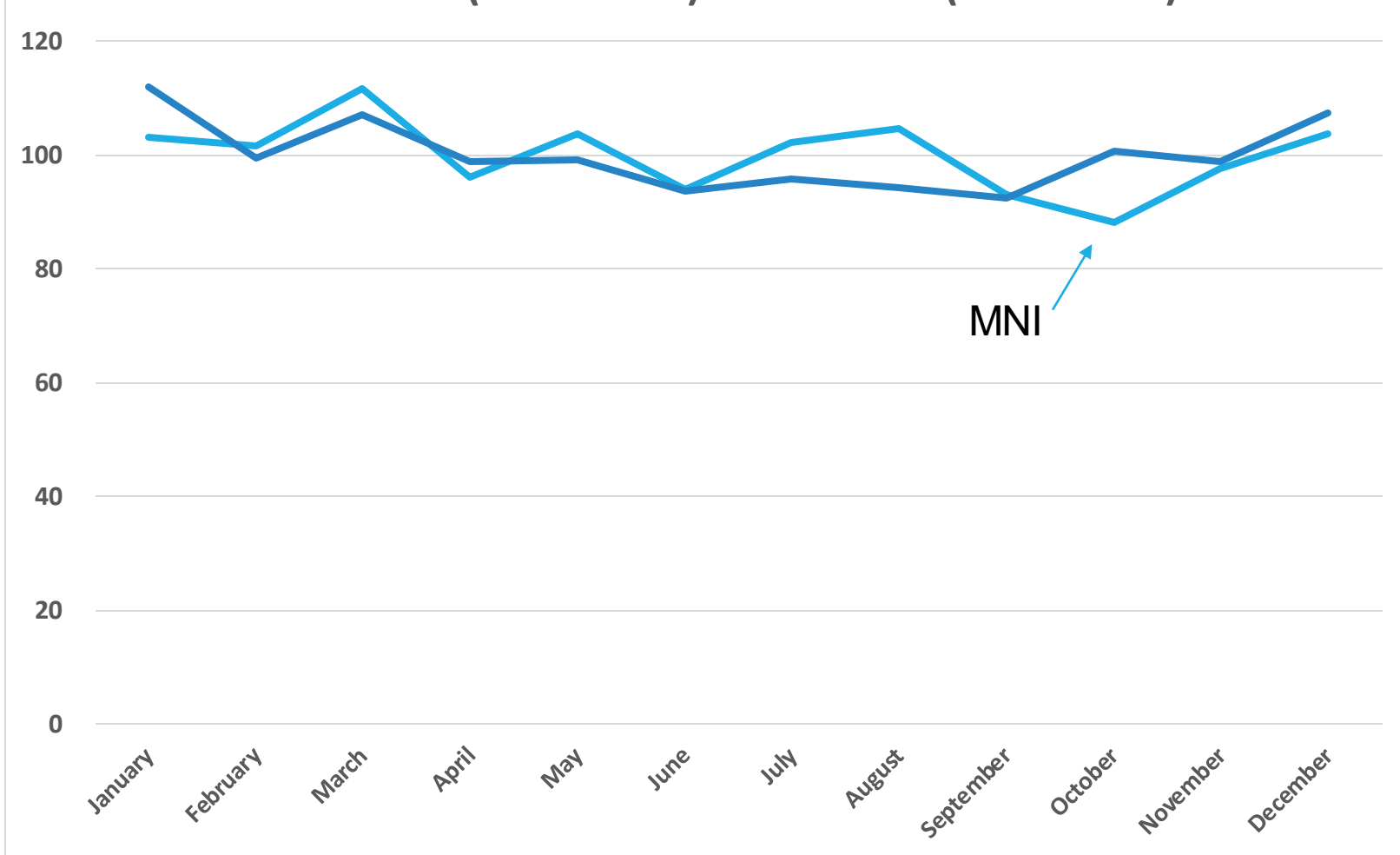


Deaths, Montserrat, 2001-2014





Seasonal Variation of Deaths Montserrat (1985-2014) and Canada (1985-2011)





Thank you!

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