NEXT STEPS
Goal 1: Universal civil registration of births, deaths and other vital events

1.A – 1.D By 2024, at least … per cent of

• births
• children under 5
• all individuals
• of all deaths that take place
in the territory and jurisdiction have had their birth registered

• 1.E By 2024, at least … per cent of all deaths recorded by the health sector in the territory and jurisdiction in the given year have a medically certified cause of death recorded using the international form of the death certificate.
Goal 3: **Accurate, complete and timely vital statistics (including on causes of death)** are produced based on registration records and are disseminated

3.A and 3.B: By … (year), annual nationally representative statistics on

- **births** – disaggregated by age of mother, sex of child, geographic area and administrative subdivision
- **deaths** – disaggregated by age, sex, cause of death defined by ICD (latest version as appropriate), geographic area and administrative subdivision

– are produced from registration records or other valid administrative data sources.

• 3.F and 3.G: By … (year), key summary tabulations of vital statistics on
  • births and deaths
  • causes of death
  using registration records as the primary source, are made available in the public domain in electronic format annually, and within one (/two) calendar year.

• 3.H: By … (year), an accurate, complete and timely vital statistics report for the previous two years, using registration records as the primary source, is made available in the public domain.
National coordination

- Schedule meetings to update and consolidate suggestions from workshop
  - Share experience with project teams and possibly with national coordination mechanism
  - Agree on next steps and division of tasks among members

- Take measures to gain access to CR data on individual level if this is not in place

- Thinking ahead: How and when can the VS report be published? Provide suggested timeline at next workshop?
Documents developed at first workshop

- Outline of VS report
- Tabulation plan (based on data availability)
- First draft birth and death statistics
- Flow chart CRVS system
- Partial description of CRVS system

- Action/activity plan for period until next workshop
## Continue work on VS report

<table>
<thead>
<tr>
<th>Week</th>
<th>Activity/Deadline</th>
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<tbody>
<tr>
<td>Week 1 (16-20 jan)</td>
<td>Consolidate VS report outline and activity plan/timeline with national coordination mechanism/working group and share with focal point/ESCAP</td>
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<tr>
<td>Week 2 (23-27 jan)</td>
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<tr>
<td>Week 3 (30 jan-3 Feb)</td>
<td>Deliver first draft of VS report to focal point?</td>
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<td>Week 4 (6-10 Feb)</td>
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<tr>
<td>Week 5 (13-17 Feb)</td>
<td>Focal points returns VS report with comments?</td>
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<tr>
<td>Week 6 (20-24 Feb)</td>
<td><strong>Deliver revised VS report draft</strong>&lt;br&gt;Also exchange with another country?</td>
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<td>Week 7 (27 Feb-3 Mar)</td>
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<tr>
<td>Week 8 (6-10 March)</td>
<td>Second workshop</td>
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Contact with focal points

- Regular e-mail contact – do not hesitate to ask questions
- Skype/phone calls once a week for updates
- Focal point to comment on any documents submitted

<table>
<thead>
<tr>
<th>Focal point</th>
<th>Country</th>
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</thead>
<tbody>
<tr>
<td>Helge Brunborg, <a href="mailto:helge.brunborg@gmail.com">helge.brunborg@gmail.com</a></td>
<td>Bhutan, Vietnam</td>
</tr>
<tr>
<td>Monina Collado, <a href="mailto:moninacollado@yahoo.com">moninacollado@yahoo.com</a></td>
<td>Myanmar, Maldives</td>
</tr>
<tr>
<td>Vibeke O. Nielsen/Dag Roll-Hansen, <a href="mailto:von@ssb.no">von@ssb.no</a> / <a href="mailto:roh@ssb.no">roh@ssb.no</a></td>
<td>Malaysia, Mongolia</td>
</tr>
<tr>
<td>ESCAP, <a href="mailto:chungh@un.org">chungh@un.org</a></td>
<td>Georgia, Timor Leste</td>
</tr>
</tbody>
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Approach and language

• What is the **main aim** of the VS report?
  • Advocate for and provide guidance for further development of CRVS system nationally?
  • Attract international donors?
  • Other?

• We recommend **both** national language and English
  • Focal points will have difficulties commenting if not in English
QUESTIONS?
Data sharing

• Are there «physical» limitations?
  • Laws/regulations?
  • Software?
  • Security?

• How could these be overcome?
Norwegian experience

- Strong statistical law
  - Formerly supported by formal letters

- Good cooperation between agencies
  - Including regular development meetings

- Focus of mutual gains of cooperation
  - Financial
  - Time spent
  - Quality improvements
Linking data

• Linking with PIN

• Linking several variables

• Use a variety of sources if primary source is not available or incomplete
Linking data with PIN

- Use any software package and link files
Other person registers with PIN in Norway

  - Later censuses based on administrative registers only and not on census forms
- Refugees and other immigrants
- Causes of death
- Cancer cases
- Tuberculosis cases
- Medical personnel
- Prescriptions

- Soldiers
- Bank accounts
- Insurance registers
- Income and wealth
- Pensions and other social security transfers
- Educational activity and attainment, incl. examination results
- Employees
- Voters
- Drivers’ licences
- Passports
- Vaccinations
Linking with several variables

- Check both sources for duplicates and clean them before linking.
- During linking:
  - use all available variables for verification.
  - Save the records that matched completely in a separate file
  - Compare remaining records with less variables
- For the remaining unmatched files after the above steps have been carried out:
  - Create subsets of data (blocks) for regions and sex keeping name
  - Check manually (if not too many left) OR
  - Use probabilistic linkage: a method that calculates weights for a match to be true or not. The higher a weight is the greater the chance is that the match is true. (Data Integration Manual (Statistics New Zealand 2006), chapters 5 and 6.)
  - Automatic linkage systems also exist in several software packages