Victoria’s mothers, babies and children 2014 and 2015
Appendix 3: Births and deaths flowcharts 2014 and 2015
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### Figure 1: Births and deaths flow chart, Victoria 2014

**A. All births captured in VPDC**  
79,154

**B. All live births regardless of gestation who show any signs of life**  
78,453

<table>
<thead>
<tr>
<th>Exclusions</th>
<th>No</th>
<th>Definitions</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. Those live born, &lt; 20 weeks’ gestation, or, if gestation unknown, &lt; 400 gm BW</td>
<td>15</td>
<td>Cases excluded from CCOPMM reports (L + P)</td>
<td>44</td>
</tr>
</tbody>
</table>

**C. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW**  
78,438

<table>
<thead>
<tr>
<th>Exclusions</th>
<th>No</th>
<th>Definitions</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. TOP for maternal psychosocial indication (MPI) resulting in neonatal death (NND)</td>
<td>1</td>
<td>I: Total stillbirths</td>
<td>672</td>
</tr>
<tr>
<td>N. TOP for suspected or confirmed congenital anomaly (CA) resulting in NND</td>
<td>37</td>
<td>J: Stillbirths adjusted for TOP for MPI (I – Q)</td>
<td>526</td>
</tr>
<tr>
<td>O. NND excluding all TOPs</td>
<td>193</td>
<td>U: Total neonatal deaths; 0 to 27 days (M + N + O)</td>
<td>231</td>
</tr>
<tr>
<td>P. Those SB where death: known to have occurred &lt; 20 weeks’ gestation, or, if born &gt; 20 weeks’ gestation, where BW &lt; 150 gm, or, if gestation unknown, &lt; 400 gm BW</td>
<td>29</td>
<td>W: Total Infant deaths (M + N + O + T)</td>
<td>298</td>
</tr>
</tbody>
</table>

**D. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for MPI**  
78,437

<table>
<thead>
<tr>
<th>Exclusions</th>
<th>No</th>
<th>Definitions</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Total live births</td>
<td>78,438</td>
<td>Total TOP for MPI (M + Q)</td>
<td>147</td>
</tr>
<tr>
<td>R. TOP for suspected or confirmed congenital anomaly (CA) resulting in SB</td>
<td>135</td>
<td>V: Neonatal deaths adjusted for TOP for MPI (M + O)</td>
<td>230</td>
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</tbody>
</table>

**E. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for maternal psychosocial indication or congenital anomaly**  
78,400

<table>
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<th>Definitions</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>S. Total births adjusted for TOP for MPI (D + J)</td>
<td>78,963</td>
<td>Total Perinatal deaths (I + U)</td>
<td>903</td>
</tr>
<tr>
<td>T. Total births adjusted for all TOP (Adjusted total births) (E + K)</td>
<td>78,791</td>
<td>Perinatal deaths adjusted for TOP for MPI (U + N + O)</td>
<td>756</td>
</tr>
<tr>
<td>Live births not from TOP for MPI (D)</td>
<td>78,437</td>
<td>W: Total Infant deaths (M + N + O + T)</td>
<td>298</td>
</tr>
<tr>
<td>Live births not from TOP for MPI or CA (E)</td>
<td>78,400</td>
<td>X: Infant deaths for IMR (O + T)</td>
<td>260</td>
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</tbody>
</table>

**F. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for MPI or CA or dying within < 28 days of life**  
78,207

<table>
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<th>No</th>
<th>Definitions</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW and up to 364 days, excluding TOP or delivery without expectation of survival</td>
<td>78,140</td>
<td><em>Includes only births occurring in Victoria and their outcomes</em></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**  
- BW birthweight  
- CA congenital anomaly  
- ERFP estimated resident female population  
- IMR infant mortality rate  
- MPI maternal psychosocial indications  
- NND neonatal death  
- PMR perinatal mortality rate  
- SB stillbirth  
- TOP termination of pregnancy  
- VPDC Victorian Perinatal Data Collection
Figure 2: Births and deaths flow chart, Victoria 2015

A. All births captured in VPDC 79,312

B. All live births regardless of gestation who show any signs of life 78,653

C. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW 78,637

D. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for MPI 78,637

E. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for maternal psychosocial indication or congenital anomaly 78,606

F. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for MPI or CA or dying within < 28 days of life 78,448

G. Live births ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW and up to 364 days, excluding TOP or delivery without expectation of survival 78,370

H. All Stillbirths (SB) regardless of when stillbirth occurred 659

I. Stillbirths occurring ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for maternal psychosocial indication 526

J. Stillbirths occurring ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for maternal psychosocial indication or congenital anomaly 355

K. Stillbirths occurring ≥ 20 weeks’ gestation, or if gestation unknown, ≥ 400 g BW not from TOP for maternal psychosocial indication or congenital anomaly 355

L. Those live born, < 20 weeks’ gestation, or, if gestation unknown, < 400 g BW 16

M. TOP for maternal psychosocial indication (MPI) resulting in neonatal death (NND) 0

N. TOP for suspected or confirmed congenital anomaly (CA) resulting in NND 31

O. NND excluding all TOP’s 158

P. Those SB where death known to have occurred < 20 weeks’ gestation, or, if born ≥ 20 weeks’ gestation, where BW < 150 gm, or, if gestation unknown, < 400 g BW 26

Q. TOP for maternal psychosocial indication (MPI) resulting in SB 107

R. TOP for suspected or confirmed congenital anomaly (CA) resulting in SB 171

S. Total births adjusted for TOP for MPI (D + J) 79,163

T. Total births adjusted for all TOP (Adjusted total births) (E + K) 78,961

Live births not from TOP for MPI (D) 78,637

Live births not from TOP for MPI or CA (E) 78,606

U. Total neonatal deaths; 0 to 27 days (M + N + O) 189

V. Neonatal deaths adjusted for TOP for MPI (N + O) 189

W. Total Infant deaths (M + N + O + T) 267

X. Infant deaths for IMR (O + T) 236

Y. Total Perinatal deaths (I + U) 822

Z. Perinatal deaths adjusted for TOP for MPI (J + N + O) 715

Formulas:
- Crude birth rate = E/ERFP × 1,000
- PMR = (I + U) / (I + C) × 1,000
- IMR = X / E × 1,000

*Includes only births occurring in Victoria and their outcomes

Notes:
- BW birthweight
- CA congenital anomaly
- ERFP estimated resident female population
- IMR infant mortality rate
- MPI maternal psychosocial indications
- NND neonatal death
- PMR perinatal mortality rate
- SB stillbirth
- TOP termination of pregnancy
- VPDC Victorian Perinatal Data Collection