USE OF CIVIL REGISTRATION DATA TO KNOW THE HEALTH SCENARIO AND FOR IMPROVEMENT OF HEALTH CARE IN SIKKIM

Problem Statement
Despite the availability of civil registration in the State, these data are not being used properly. This system could have been fully utilized for Planning, Monitoring and Implementation of various programmes.

Programme Description
Analysis of Data of Civil Registration System (CRS) including medically certified cause of death is being done for the State of Sikkim. This system is very effective where registration of Births and Deaths is more than 95%. In addition to this, more than 50% of all deaths are Medically Certified. The State has made tremendous progress in Health Status of the people. Taking advantages of the high coverage of registration, the following activities are undertaken to use the CRS system.

Sikkim was able to know the Epidemiological shift from communicable to Non Communicable as the major causes of Deaths in Sikkim.

Medically Certified Causes of Death in Sikkim 2006-09

<table>
<thead>
<tr>
<th>Disease Type</th>
<th>Death Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infectious Diseases (mostly TB)</td>
<td>6</td>
</tr>
<tr>
<td>Digestive System Diseases (mostly Alcohol Liver)</td>
<td>10</td>
</tr>
<tr>
<td>Accidents &amp; Suicides</td>
<td>12</td>
</tr>
<tr>
<td>Respiratory Diseases</td>
<td>14</td>
</tr>
<tr>
<td>Heart Diseases</td>
<td>20</td>
</tr>
<tr>
<td>NCD Responsible for 75% of Deaths</td>
<td>23</td>
</tr>
</tbody>
</table>
The transition from Communicable to Non Communicable Diseases as major Health Problem is quite obvious.

Based on the available records the most important causes of deaths in Sikkim are Heart and Blood vessel diseases, Alcohol Related Diseases, Accidents & Suicides, Respiratory Diseases, Cancer (Non Communicable Diseases) & Tuberculosis (Communicable Diseases).

**Program Impact**

1. Following these changes which were seen strong case, for getting pilot Programme was initiated with Ministry Of Health & family Welfare for NCD in Sikkim. Full-fledged programme on National Programme for Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS), National Programme for Health Care for the Elderly was initiated in two out of four districts.

2. Realizing that tobacco was responsible for major causes of morbidity and mortality, tobacco control programme was initiated throughout the state and Sikkim was the first State to be declared as Smoke Free State in World No Tobacco Day 2010.

3. Chief minister’s Comprehensive Annual and Total Checkup for Healthy Sikkim (CATCH) programme was initiated based on the findings of CRS as major Public health Problem of the state.

4. Data of CRS is fully utilized to estimate number of Children, Pregnant mothers and other eligible population for taking all Public health Initiatives for proper implementation of RCH programmes.

**Scalability**

At present the data is utilized at the State level only. It is proposed to analyze the available data at District level and at the PHC level to get disaggregated data and use the data locally as well. Other States with higher level of registration rate can also use this instead of SRS data.

**Conclusion**

Effective use of CRS data is proven to be a very effective in improving the health indicators in the State level, District and also in case of PHC level.

**For further details contact**

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