

Transport Knowledge Hub Environment -Emissions Group Meeting

Wednesday 14th August 2019

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Transport Dashboards

Transport Dashboard

Last updated on: 16/07/2019



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1. Household Travel
 2. Road Transport
 3. Public Transport
 4. Walking and Cycling
 5. Domestic Freight (Road, Rail, and Coastal Shipping)
 6. Air Passenger and Freight
 7. Maritime and Ports

Environment and health dashboard

- outline and data

- *26 indicators covering:*
 - *Carbon Dioxide Equivalent Emissions*
 - *Harmful Emissions*
 - *Diseases of Inactivity*
 - *Noise*
 - *Access to Healthcare*
 - *Transport Incidents (refers to crashes and other accidents)*

Environment and health dashboard

- outline and data

- *Carbon Dioxide Equivalent Emissions (5 indicators)*
 - *Greenhouse gas emissions by mode (kt of CO₂-e), mode per capita (CO₂-e) & vehicle type by VKT*
 - *Tonnes of carbon dioxide (CO₂-e) equivalent emitted from domestic transport per capita*
 - *International bunker fuel emissions by mode (air and sea) (MfE, Greenhouse Gas Inventory)*

Environment and health dashboard

- outline and data

- *Harmful Emissions (6)*
 - *By gas (light vehicles, heavy vehicles, fuel type) (NZTA, Sharon's data for 2017)*
 - *Deaths due to harmful emissions (Hapinz)*
 - *Marine oil spills (Maritime NZ)*

Environment and health dashboard

- outline and data

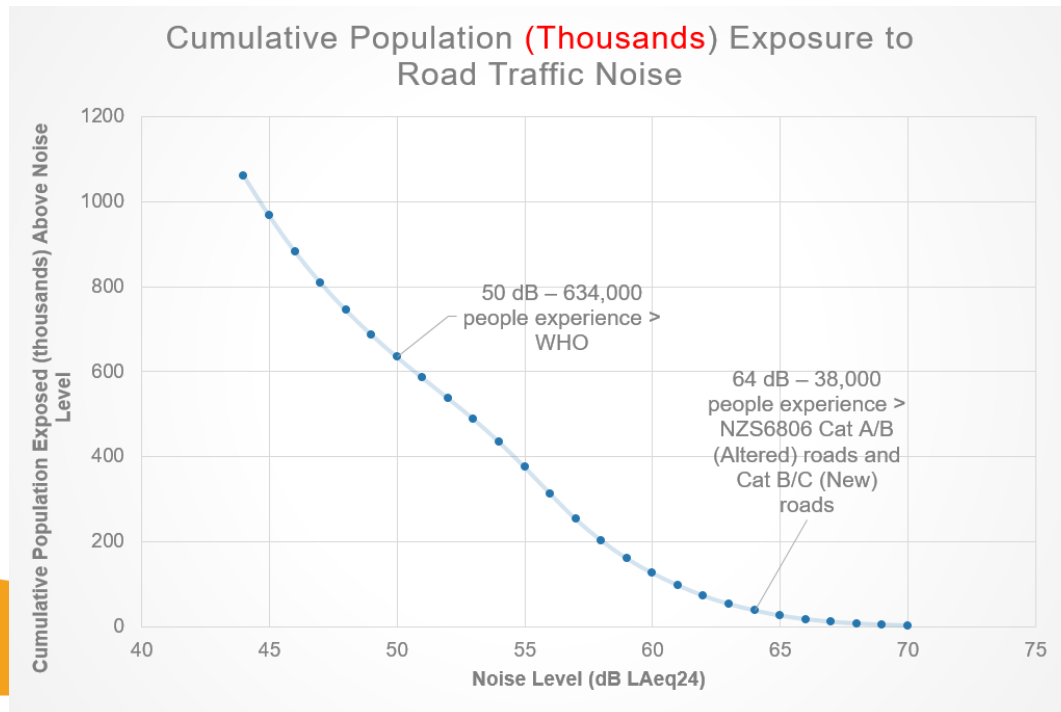
- *Diseases of Inactivity (4)*
 - *Deaths, years of life lost, and years lived with disability due to diseases of inactivity (Global Burden of Disease (GBD) database)*

Environment and health dashboard

- outline and data

- *Noise (2)*

- *Exposure of population to noise (Greg Haldene, NZTA)*



Environment and health dashboard

- outline and data

- *Access to Healthcare (2)*
 - *Percent of population with unmet need for GP services and for after-hours healthcare services in past 12 months due to lack of transport (adults/children)*
(Ministry of Health - annual health survey)

Environment and health dashboard

- outline and data

- *Transport Incidents (refers to crashes and other accidents) (6)*
 - *Transport deaths due to incidents by mode (Transport Agencies)*
 - *Comparative deaths per 100,000 population (deaths, years of life lost, years living with a disability) for all modes/road alone (Global Burden of Disease (GBD) database & IRTAD)*

Environment and health dashboard

– next steps

- *Tidy up: technical notes, checking, consistency and presentation of data, and some obtaining of data (Access to Healthcare & Noise sections)*
- *Review of all indicators before release on the website (new sub-hub to do this?)*
- *Release and process for updating over time*

Environment and health dashboard – questions for you all

- *Have we got it right?*
 - *Are these what we want to have posted?*
 - *Is anything missing?*
 - *What needs amending?*

Q&A / Discussion