

Summary of Updates to the Emission Inventory

Update Date	Emission Inventory Revised	Revisions and Updates
January 2015	2001-2012	<ul style="list-style-type: none"> VOC emissions from architectural paints in 2012 were updated using VOC contents of the latest sales reports submitted by importers. VOC emissions from screen printing from 2009 to 2012 were revised based on our latest survey which revealed a reduction in the local use of non-regulated screen printing ink.
January 2016	2001-2014	<ul style="list-style-type: none"> Emissions from asphalt production plants were estimated. Emissions from Sludge Treatment Facility (STF) were estimated. Emissions from landfill gas flaring were estimated. Emissions from hill fires were estimated. Other Fuel Combustion sector was renamed as Other Combustion sector to better reflect the nature of the sources covered. Radar data from CAD and chock-on chock-off data from AAHK were obtained to refine the emission inventory for Civil Aviation sector. Used updated version of EMFAC-HK (version 3.1.1) for estimating the emissions from Road Transport sector.
January 2017	2001-2015	<ul style="list-style-type: none"> A mixing height of 3000 ft (915 m), as recommended by ICAO, was adopted to compile the emissions for Civil Aviation sector. Used updated version of EMFAC-HK (version 3.3) for estimating the emissions from Road Transport sector.
January 2018	2001-2016	<ul style="list-style-type: none"> Adopted updated version of EMFAC-HK (version 3.4) for estimating emissions from Road Transport sector. Adopted the sulphur content of marine fuels obtained from Port Facilities and Light Dues Incentive Scheme for estimating emissions from ocean going vessels. Adopted Aviation Environmental Design Tool (AEDT) version 2c for estimating emissions from Civil Aviation sector. Adopted the emission factors from EMEP/EEA Air Pollutant Emission Inventory Guidebook 2016 for estimating emissions from non-road mobile machineries. Emissions from cigarette smoking were estimated and included in Other Combustion sector.

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January 2019	2001-2017	<ul style="list-style-type: none"> • Adopted updated version of EMFAC-HK (version 4.1) for estimating emissions from Road Transport sector. • Adopted the sulphur content of marine fuels obtained from Port Facilities and Light Dues Incentive Scheme for estimating emissions from ocean going vessels. • Updated power rating and age profiles of non-road mobile machines based on the registered information in the Non-Road Mobile Machinery database. • Updated the VOC emissions of unregulated VOC-containing consumer products based on the latest VOC study.