



Victorian State of the Environment 2023 Report
Report Indicators

Indicator assessment dashboard

Indicator assessment overview

The indicator assessment dashboard provides a high-level overview of the status, trend and data confidence assessments for all 139 SoE 2023 indicators followed by a summary of the indicator assessment report cards detailed in Appendix D. Because some indicators have multiple assessments – for example, for multiple regions or for different environmental conditions (years with and without bushfires for instance) – the total number of assessments exceeds the total number of indicators. A total of 166 status assessments, 171 trend assessments and 172 data confidence assessments were conducted for the 139 SoE 2023 indicator suite.

Overall summary of status assessments

Table 1: Summary of status assessments for SoE 2023 indicators.

Status	Good	Fair	Poor	Unknown	Total
Climate change	0	5	6	0	11
Air	5	8	5	4	22
Biodiversity	1	6	26	9	42
Land	2	4	1	4	11
Forests	3	9	6	8	26
Fire	0	2	3	0	5
Inland waters	8	15	6	8	37
Energy	1	3	2	0	6
Waste and resource recovery	0	2	4	0	6
Total	20	54	59	33	166
%	12	32.5	35.5	20	100

Note: Six assessments have 'not applicable' as the status and are not included.

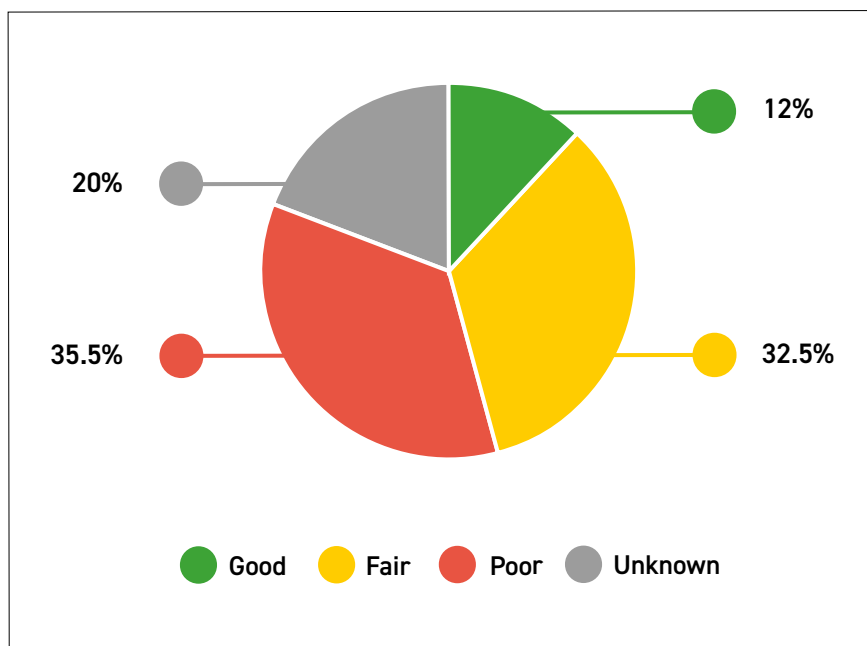


Figure 1: Breakdown of status assessments for SoE 2023 indicators.

Overall summary of trend assessments

Table 2: Summary of trend assessments for SoE 2023 indicators.

Trend	Improving	Stable	Deteriorating	Unclear	Total
Climate change	1	3	9	2	15
Air	1	9	3	9	22
Biodiversity	2	8	20	12	42
Land	3	1	1	7	12
Forests	5	1	11	9	26
Fire	0	1	4	0	5
Inland waters	16	8	10	3	37
Energy	5	1	0	0	6
Waste and resource recovery	0	2	2	2	6
Total	33	34	60	44	171
%	19	20	35	26	100

Note: One indicator, 'L:01 Land-cover classes in Victoria', was not applicable for a trend assessment and is not included.

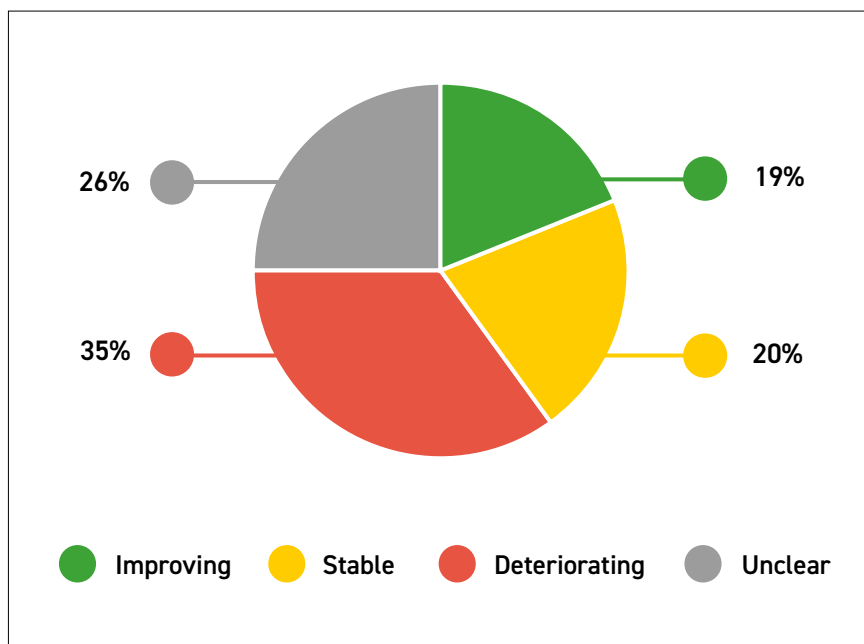


Figure 2: Breakdown of trend assessments for SoE 2023 indicators.

Overall summary of confidence assessments

Table 3: Summary of data confidence assessments for SoE 2023 indicators.

Data confidence	High	Moderate	Low	Insufficient	Total
Climate change	11	3	1	0	15
Air	11	6	5	0	22
Biodiversity	11	18	4	9	42
Land	2	2	3	6	13
Forests	10	10	6	0	26
Fire	4	1	0	0	5
Inland waters	29	4	0	4	37
Energy	6	0	0	0	6
Waste and resource recovery	0	2	4	0	6
Total	84	46	23	19	172
%	49	27	13	11	100

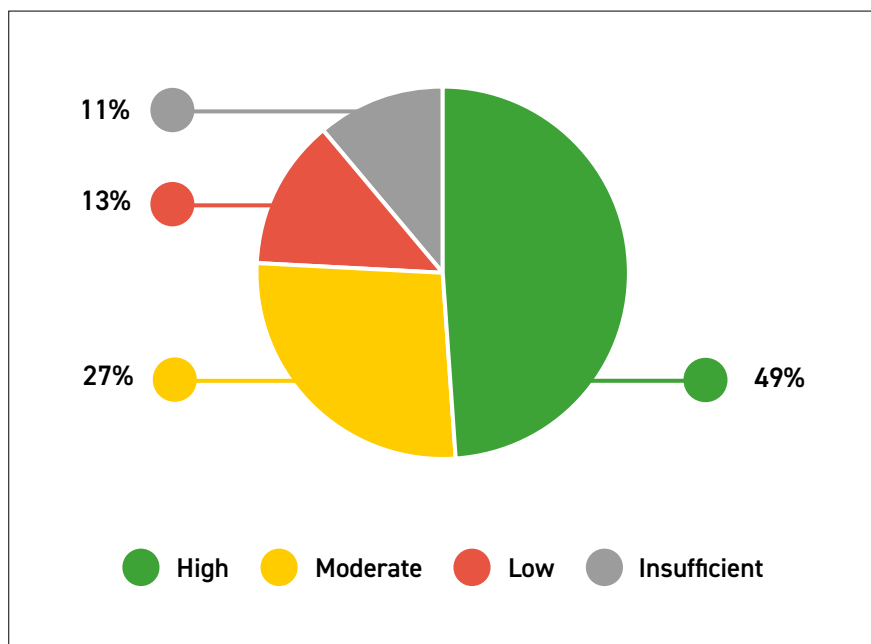


Figure 3: Breakdown of data confidence assessments for SoE 2023 indicators.

Indicator assessment report card summaries

The colour and symbol keys for the assessments are as follows:

Key to status



Good



Fair



Poor



Unknown



Not applicable



Narrative but
not assessed

Key to trend



Improving



Stable



Deteriorating



Unclear



Not applicable



Narrative but
not assessed

Key to confidence



High



Moderate



Low



Insufficient



Not applicable



Narrative but
not assessed

Cultural landscape health and management

No indicator assessments have been undertaken for this theme

Climate change – Impacts

CCIm:01 Observed surface temperature

Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	BOM		

CCIm:02 Observed average rainfall

Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	BOM		

CCIm:03 Snow cover

Region(s)	2023 status	2023 trend	2023 confidence
Falls Creek, Mount Buller, Mount Hotham			
Mount Baw Baw, Lake Mountain			
Data source(s):	Academic researchers, DELWP		

CCIm:04 Sea level and coastal inundation

Region(s)	2023 status	2023 trend	2023 confidence
Victoria's coastline			
Data source(s):	BOM		

CCIm:05 Sea-surface temperature

Region(s)	2023 status	2023 trend	2023 confidence
Victoria's marine environment			
Data source(s):	BOM, CSIRO		

CCIm:06 Projected changes in temperature

Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	BOM, CSIRO		

CCIm:07 Projected changes to average rainfall			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	N/A	↙	●
Data source(s):	BOM, CSIRO		
CCIm:08 Regional climate projections			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	N/A	↙	●
Data source(s):	BOM, CSIRO, DELWP		
CCIm:09 Projected sea level			
Region(s)	2023 status	2023 trend	2023 confidence
Victoria's coastline	N/A	↙	●
Data source(s):	BOM, CSIRO		
CCIm:10 Occurrence and impacts of extreme weather			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	●	↙	●
Data source(s):	Australian Institute for Disaster Resilience, BOM, CSIRO, Deloitte Access Economics, DOH, Insurance Council of Australia		

Climate change – Mitigation			
CCM:11 Annual greenhouse gas emissions			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	●	↗	●
Data source(s):	ABS, DCCEEW		
CCM:12 Victorian ecosystem carbon stocks			
Region(s)	2023 status	2023 trend	2023 confidence
Land sector	●	?	●
Marine and coastal sector	●	?	●
Data source(s):	Academic researchers, DELWP		
CCM:13 Stratospheric ozone			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	●	→	●
Data source(s):	BOM, CSIRO		

Climate change – Adaptation

No indicator assessments have been undertaken for this theme

Air

A:01 Particle pollution (PM_{2.5} and PM₁₀)

Region(s)	2023 status	2023 trend	2023 confidence
Geelong			
Latrobe Valley and Melbourne			
Elsewhere across Victoria			

Data source(s): EPA Victoria

A:02 Ambient ozone levels

Region(s)	2023 status	2023 trend	2023 confidence
Latrobe Valley			
Geelong and Melbourne			

Data source(s): EPA Victoria

A:03 Carbon monoxide

Region(s)	2023 status	2023 trend	2023 confidence
Statewide			

Data source(s): EPA Victoria

A:04 Nitrogen dioxide




























Region(s)	2023 status	2023 trend	2023 confidence
Statewide		 (Melbourne)	
Statewide		 (Geelong and Latrobe Valley)	






















Data source(s): EPA Victoria

A:05 Sulfur dioxide

Region(s)	2023 status	2023 trend	2023 confidence
Statewide			

Data source(s): EPA Victoria

A:06 Population exposure to air pollution			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	 (years with significant bushfires)		
Statewide	 (other years)		
Data source(s):	EPA Victoria		
A:07 Pollen			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	University of Melbourne		
A:08 Odour			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	EPA Victoria		
A:09 Noise			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	EPA Victoria		
A:10 Light pollution			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	Academic researchers		
A:11 Health impacts of air pollution			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	Academic researchers, EPA Victoria		
A:12 Health impacts of noise pollution			
Region(s)	2023 status	2023 trend	2023 confidence
Melbourne			
Rest of Victoria			
Data source(s):	Academic researchers		

A:13 Indoor air quality			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	 (schools and aged care facilities)		
Statewide	 (residential buildings during periods of bushfire smoke)		
Statewide	 (all other scenarios)		
Data source(s):	Academic researchers		
A:14 Health impacts from pollen			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	ABS, academic researchers		
Biodiversity			
B:01 Changes in land cover			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:02 Wetlands			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:03 Health and status of Victorian inland Ramsar wetlands			
Region(s)	2023 status	2023 trend	2023 confidence
Inland Ramsar sites: Barmah Forest, Edithvale Seafood wetlands Gunbower Forest, Hattah-Kulkyne Lakes, Kerang Wetlands, Lake Albacutya, Western District Lakes			
Data source(s):	DELWP, PV, Melbourne Water		

B:04 Groundwater-dependent ecosystems			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, Melbourne Water, CSIRO		
B:05 Rivers			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	CMAs, DELWP		
B:06 Riparian vegetation			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
CMA and local reaches level			
Data source(s):	DELWP, VEAC		
B:07 Floodplains			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, VEAC		
B:08 Grasslands			
Region(s)	2023 status	2023 trend	2023 confidence
Victorian Volcanic Plain, Wimmera Plain, Gippsland Plain and Warrnambool Plain bioregions			
Data source(s):	DELWP, Grassy Plains Network, VEAC		
B:09 Alpine			
Region(s)	2023 status	2023 trend	2023 confidence
Victorian Alps bioregion			
Data source(s):	DELWP, VEAC		
B:10 Mallee			
Region(s)	2023 status	2023 trend	2023 confidence
Lowan Mallee and Murray Mallee bioregions			
Data source(s):	DELWP, PV, VEAC		

B:11 Heathlands			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, VEAC		
B:12 Threatened terrestrial and freshwater mammals			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:13 Threatened wetland-dependent species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:14 Threatened terrestrial bird species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:15 Waterbird species in the Murray–Darling Basin			
Region(s)	2023 status	2023 trend	2023 confidence
Southern Murray-Darling Basin			
Data source(s):	DELWP, Centre for Ecosystem Science		
B:16 Threatened terrestrial and wetland reptile species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:17 Threatened large-bodied freshwater fish species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:18 Threatened small-bodied freshwater fish species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

B:19 Threatened frog species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:20 Threatened freshwater invertebrate species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:21 Threatened terrestrial invertebrate species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:22 Threatened terrestrial vascular plant species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:23 Threatened terrestrial fungi, lichen, moss and liverwort species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:24 Invasive freshwater plant species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:25 Invasive freshwater animal species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic, DELWP		
B:26 Trend in carp			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

B:27 Invasive terrestrial plant species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic, DELWP		
B:28 Priority weed control			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:29 Invasive terrestrial herbivore species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic, DELWP		
B:30 Priority pest herbivore control			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:31 Invasive terrestrial predator species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic, DELWP		
B:32 Priority pest predator control			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:33 Net gain in the extent and condition of native vegetation			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:34 Change in suitable habitat for threatened native species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

B:35 Climate-sensitive ecosystems			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:36 New, permanently protected areas on private land			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, Trust for Nature		
B:37 The conservation of Victorian ecosystems on public land			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, PV		
B:38 Priority revegetation			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
B:39 Victorians value nature			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	 (Target 1: All Victorians are connected to nature)		
Statewide	 (Target 2: More than 5 million Victorians acting for nature)		
Data source(s):	DELWP		
B:40 Number of Victorian Government organisations that manage environmental assets that contribute to DELWP Standard Output Data			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

Land			
L:01 Land-cover classes in Victoria			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic, DELWP		
L:02 Changes in Victoria's land-cover classes			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic, DELWP		
L:03 Changes in land tenure			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
L:04 Greenfield and infill development in Melbourne			
Region(s)	2023 status	2023 trend	2023 confidence
Melbourne metropolitan area			
Data source(s):	DTP, IV		
L:05 Soil organic carbon storage			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic		
L:06 Area affected by dryland salinity			
Region(s)	2023 status	2023 trend	2023 confidence
Murray River catchment			
Elsewhere across Victoria			
Data source(s):	AgVic, DELWP		

L:07 Soil acidification			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	AgVic		
L:08 Soil erosion			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	 (wind)		
Statewide	 (water)		
Data source(s):	AgVic, National Landcare Project		
L:09 Contaminated sites			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, EPA Victoria		
L:10 Participation in natural resource management activities			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	CMAs, Landcare, PV		
L:11 Use of best practice for sustainability outcomes on agricultural lands			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

Forests			
Fo:01A Area of forest by type and tenure – forest canopy cover			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:01B Area of forest by type and tenure – forest type			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:01C Area of forest by type and tenure – plantation forest			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	ABS		
Fo:02 Area of forest type by growth stage			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:03 Area of forest type by growth stage distribution in protected zones			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	CAPAD, DELWP		
Fo:04 Fragmentation of native forest cover			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:05 Number of in-situ and ex-situ conservation efforts for forest-dependent species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, VicForests, Zoos Victoria		

Fo:06 The status of forest-dependent species at risk of not maintaining viable breeding populations, as determined by legislation or scientific assessment			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:07 Degree of disturbance to native forest species caused by invasive species			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:08A Scale and impact of agents and processes affecting forest health and vitality – mortality, dieback, canopy health			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:08B Scale and impact of agents and processes affecting forest health and vitality – bushfire-affected area and climate			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:09A Area and type of human-induced disturbance – planned burns			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:09B Area and type of human-induced disturbance – grazing			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	ABS		
Fo:10 Total forest ecosystem biomass and carbon pool by forest type, age class and successional stages			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		













Fo:11 Contribution of forest ecosystems to the global greenhouse gas balance			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DCCEEW, DELWP		
Fo:12 Area and percentage of forest and net area of forest available and suitable for wood production			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DJPR		
Fo:13 Area of native forest harvested			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DJPR		
Fo:14 Annual production of wood products from state forests compared to sustainable harvest levels			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	 (wood products)	 (wood products)	 (wood products)
	 (firewood)	 (firewood)	 (firewood)
Data source(s):	VicForests		
Fo:15 Proportion of timber harvest area successfully regenerated by forest type			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DJPR, VicForests		
Fo:16 Extent to which the legal framework (laws, regulations, guidelines) supports the conservation and sustainable management of forests			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	ARV, DELWP, DJCS, DJPR, DPC, DTP, GORCP Authority, PV, VPC		
Fo:17 Extent to which the institutional framework supports the conservation and sustainable management of forests			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

Fo:18 Extent to which the economic framework supports the conservation and sustainable management of forests			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:19 Capacity to conduct and apply research and development aimed at improving forest management, including development of scientific understanding of forest ecosystem characteristics and functions			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
Fo:20 Investment and expenditure in forest management			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP, VicForests		
Fo:21 Value (\$) of forest derived ecosystem services			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		


Fire			
Fi:01 Area of native vegetation burnt in planned fires and bushfires			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide (bushfire)			
Statewide (planned burn)			
Data source(s):	DELWP		
Fi:02 Impacts of bushfires			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DJPR, Inspector-General of Emergency Management, Insurance Council of Australia		
Fi:03 Actual fire regimes compared to optimal fire regimes in public forests			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide (public forests)			
Data source(s):	DELWP		
Fi:04 Bushfire risk			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide (public forests)			
Data source(s):	DELWP		

Inland waters – Water quality			
WQ:01 Occurrence of algal blooms			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
WQ:02 Dissolved oxygen concentrations in rivers			
Region(s)	2023 status	2023 trend	2023 confidence
CMA			
Data source(s):	DELWP		
WQ:03 Salinity concentrations in rivers			
Region(s)	2023 status	2023 trend	2023 confidence
CMA	 (7 CMAs)		
CMA	 (2 CMAs)		
CMA	 (1 CMA)		
Data source(s):	DELWP		
WQ:04 Total nitrogen concentrations in rivers			
Region(s)	2023 status	2023 trend	2023 confidence
CMA	 (3-4 CMAs)*		
CMA	 (3 CMAs)		
CMA	 (3-2 CMAs)*		
CMA	 (Mallee CMA)		
Data source(s):	DELWP		






*The first figure presented in brackets refers to the number of CMAs whose status was based on 2010–17 data and the second figure presented in brackets refers to the number of CMAs based on 2018–21 data.

WQ:05 Total phosphorus concentrations in rivers			
Region(s)	2023 status	2023 trend	2023 confidence
CMA(s)	 (2-4 CMA(s))*		
CMA(s)	 (4 CMA(s))		
CMA(s)	 (3-1 CMA(s))*		
CMA(s)	 (Mallee CMA)		

Data source(s): DELWP




















WQ:06 Turbidity levels in rivers			
Region(s)	2023 status	2023 trend	2023 confidence
CMA(s)	 (5-10 CMA(s))*		
CMA(s)	 (5-0 CMA(s))*		

Data source(s): DELWP

WQ:07 pH levels in rivers			
Region(s)	2023 status	2023 trend	2023 confidence
CMA(s)	 (10-7 CMA(s))*		
CMA(s)	 (0-2 CMA(s))*		
CMA(s)	 (1 CMA)		

Data source(s): DELWP

*The first figure presented in brackets refers to the number of CMA(s) whose status was based on 2010-17 data and the second figure presented in brackets refers to the number of CMA(s) based on 2018-21 data.

WQ:08 Proportion of water bodies with good ambient water quality			
Region(s)	2023 status	2023 trend	2023 confidence
CMA	 (2-1 CMAs)*		
CMA	 (3-8 CMAs)*		
CMA	 (4-0 CMAs)*		
CMA	 (Mallee CMA)		
Data source(s):	DELWP, EPA Victoria, Melbourne Water		
WQ:09 Groundwater quality			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
WQ:10 Volume of treated and poorly treated discharges to surface waters and compliance with licence requirements			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	EPA Victoria		
WQ:11 Percentage of inland water pollution reports requiring a field response by EPA Victoria			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	EPA Victoria		

*The first figure presented in brackets refers to the number of CMAs whose status was based on 2010–17 data and the second figure presented in brackets refers to the number of CMAs based on 2018–21 data.

Inland waters – Water resources			
WR:01 Water resources and storage trends			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide		 (long term)	
Statewide		 (short term)	
Data source(s):	DELWP		
WR:02 Interception of surface water by small farm dams			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide	 (southern rivers)		
Statewide	 (northern rivers)		
Data source(s):	DELWP		
WR:03 Surface water harvested for consumptive use			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
WR:04 Percentage of compliance with entitlements for the take of surface water			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
WR:05 Water recycling			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		

WR:06 Percentage of agricultural land with improved irrigation			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	CMAs		
WR:07 Groundwater levels, consumption and use			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide		 (most shallow aquifers)	
Statewide		 (shallow aquifers in northern region; lower aquifers in Gippsland and northern region)	
Data source(s):	DELWP		
WR:08 Condition of flow regimes			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DELWP		
WR:09 Delivering water for the environment			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	VEWH		

Energy			
E:01 Primary energy consumption			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	BP, DCCEEW		
E:02 Primary energy consumption by source			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DCCEEW		
E:03 Electricity consumption			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	Australian Energy Market Operator, BP, DCCEEW		
E:04 Electricity generation by fuel			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	Australian Energy Market Operator, BP, DCCEEW		
E:05 Gas consumption			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	Australian Energy Market Operator, DCCEEW		
E:06 Energy in transport			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DCCEEW		

Waste and resource recovery			
W:01 Total waste generation			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	SV		
W:02 Generation of waste per capita			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	ABS, SV		
W:03 Total food waste generated			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	SV, DCCEEW		
W:04 Diversion rate			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	SV		
W:05 Litter and illegal dumping			
Region(s)	2023 status	2023 trend	2023 confidence
151 survey sites primarily located across Melbourne suburbs 15 rural highway survey sites			
Data source(s):	KAB, SV		
W:06 Total hazardous waste managed			
Region(s)	2023 status	2023 trend	2023 confidence
Statewide			
Data source(s):	DCCEEW, EPA Victoria, SV		

Authorised by the Commissioner for Environmental Sustainability

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