

REG Data Quality Project // Reported Metric Change Register – ONRC Reports (Phase 1)

Category	Sub-Cat	PM Influenced/ Affected	Ref	Metric Description	Primary Dimension	2015/16 Reports – v2.0	2016/17 Reports – v3.0	2016/17 Reports – v3.01	2017/18 Reports – v4.0	2017/18 Reports – v4.1	2017/18 Reports – v5.0	2017/18 Reports – v5.1		
						Changes following workshop 3 and feedback received on the 2014/15 reports	Changes identified through case for change identification and move to interrogating the PMRT data	Changes identified through feedback received on the 2016/17 reports	Changes as part of annual update reporting	Changes as part of annual update reporting	Changes following feedback on draft reports	Changes as part of February 2019 reissue		
Carriageway	Safety	Amenity	Cost Efficiency	Ca1a	Rural number of lanes matches width Percentage of Rural sealed network length with alignment between carriageway width and no. of lanes (No. lanes=1 & width<6m, No. lanes=2 & width>4m or <17m, No lanes>2 & width>9m) (excludes pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	No change	No change	Primary Dimension changed to Accuracy	No change	
				Ca1b	Urban number of lanes matches width Percentage of Urban sealed network length with alignment between carriageway width and no. of lanes (No. lanes=1 & width<6m, No. lanes=2 & width>4m or <17m, No lanes>2 & width>9m) (excludes pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	No change	No change	Primary Dimension changed to Accuracy	No change	
				Ca2	ONRC categories are assigned Proportion of carriageway section records with an assigned ONRC category (where road type = "L" and owner type "L") (excludes pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	No change	No change	No change	No change	No change
				Ca3a	Rural carriageways are generally not short Proportion of Rural sealed carriageway records greater than 50m in length (ie. not short) (excludes pavement type 'Bridge')	Accuracy	Metric changed to report proportion greater than 50m in length.	Minor change to metric description wording	No change	No change	No change	No change	No change	No change
				Ca3b	Urban carriageways are generally not short Proportion of Urban sealed carriageway records greater than 20m in length (ie not short) (excludes pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	No change	No change	Updated grade range to be consistent with Ca3a	No change	
				Ca4	Sealed/unsealed network correctly defined Percentage of sealed network length with a surface record, or unsealed network with no surface record. (excludes pavement type 'Bridge')	Accuracy		New metric added replacing TL3a and TL3b. Using the PMRT data allows for the surface structure table to be interrogated as originally planned.	No change	No change	No change	Updated to include recording of METAL surfaces on unsealed network sections as valid	No change	
Network	Treatment Length	Amenity	TL1a	Treatment Lengths are generally not short Proportion of sealed Treatment Length records (excludes disabled TLs) that are not very short (<20m Urban and 100m Rural) (excludes disabled TLs and pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	No change	No change	No change	No change		
			TL1b	Treatment Lengths are not too long Proportion of sealed Treatment Length records (excludes disabled TLs) that are not exceptionally long (>500m Urban and 1km Rural) (excludes disabled TLs and pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	No change	No change	No change	No change		
			TL2	Treatment Lengths match major surfaces Proportion of Treatment Length records with >= 80% coverage of the major surfacing (excludes disabled TLs and pavement type 'Bridge')	Accuracy	Metric changed to report proportion of treatment length records rather than length to be consistent with other treatment length sub-category metrics	Minor change to metric description wording	No change	No change	No change	No change	No change		
			TL3a	Sealed network has surface records Proportion of Treatment Length records where Pavement Type = Thin-Surfaced-Flexible, Structural Asphaltic-Concrete or Concrete with a surface record (excludes disabled TLs)	Accuracy	Metric changed to report proportion of treatment length records rather than length to be consistent with other treatment length sub-category metrics	Metric deleted and replaced by Ca4							
			TL3b	Unsealed network has no surface records Proportion of Treatment Length records where Pavement Type = Unsealed with no surface record (excludes disabled TLs)	Accuracy	Metric changed to report proportion of treatment length records rather than length to be consistent with other treatment length sub-category metrics	Metric deleted and replaced by Ca4							
			TL4	Network with STE reading Proportion of sealed Treatment Length records with a Smooth Travel Exposure (STE) value (excludes disabled TLs and pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	No change	No change	No change	No change	No change	

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				TLS Treatment Lengths match renewals Proportion of Treatment Length records updated to match previous financial years' surface record start and end RPs (excludes disabled Tls)	Timeliness	No change	Metric deleted and replaced by TLS 1. Industry feedback identified there are a large number of exceptions in its current form and is of low value.						
			TL5.1	Treatment Lengths match renewals Proportion of Treatment Length records with >=80% coverage of the major surfacing with a surface date in the reported financial year (excludes disabled Tls and pavement type 'Bridge')	Timeliness		Minor change to metric description wording	No change	No change	No change	No change	No change	No change
Asset Inventory	Surfacing	Cost Efficiency	Su1	Last years' renewal achievement Percentage of sealed network length surfaced and entered into RAMM for the reported financial year (excludes pavement type 'Bridge')	Timeliness	No change	Minor change to metric description wording	No change	Dates updated to 2017/18 financial year	No change	Metric retired	No change	
			Su2	Surface records correctly located Proportion of surface records loaded in reported financial year that are within the limits of the road and have a width no more than 2m wider than the carriageway width (excludes pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	No change	No change	No change	No change	No change
			Su3	Surface records with original cost Proportion of surface records with a surface date greater than 30 June 2016 with a cost recorded (excludes pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	No change	No change	No change	Changed to only include work category codes of 212 and 214. Minor change to metric description wording	The change to only include work category codes of 212 and 214 is now fully implemented.
			Su4	Surface records with works origin Proportion of surface records with a surface date greater than 30 June 2016 with a works origin/category recorded (excludes pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	Metric result reported and included in summary results for 1 st time	No change	Minor change to metric description wording	No change	
			Su5	Surface records newer than pavement Percentage of top surface length newer than underlying pavement layers in the last 3.5 years (excludes pavement type 'Bridge')	Accuracy	SQL script updated to correctly report 3.5 year period. Previously reported a 3 month to 3.5 year period.	Minor change to metric description wording	No change	Dates range updated to end 30/06/2018	No change	Primary Dimension changed to Accuracy	No change	
Maintenance Activity	Maintenance Activity	Cost Efficiency	MA1	Complete maintenance activity Number months with at least one pavement (PA) or surfacing (SU) cost group record on sealed network in reported financial year	Completeness	No change	No change	No change	Dates updated to 2017/18 financial year	No change	Primary Dimension changed to Completeness	No change	
			MA2	Correctly located maintenance activity Proportion of pavement (PA) and surfacing (SU) cost group records recorded at appropriate location on sealed network (Proportion of records not at the start of the road)	Accuracy	Metric updated to report on pavement and surfacing cost groups only. These are the ones impacting the cost efficiency measures.	No change	No change	Dates updated to 2017/18 financial year	No change	No change	No change	
			MA3	Maintenance effort recorded Proportion of pavement (PA) and surfacing (SU) cost group records on sealed network with a cost recorded for the reported financial year (ie not \$0.00 or null)	Accuracy	No change	Metric retired						
			MA4	Maintenance activity has a valid location Proportion of pavement (PA) and surfacing (SU) cost group records on sealed network for the reported financial year located within the extents of the road as defined in the carriageway table	Accuracy	No change	No change	No change	Dates updated to 2017/18 financial year	No change	No change	No change	
Condition	Roughness	Amenity	Ro1	Roughness survey within 2.5 years Percentage of sealed network length with a latest roughness reading less than 2.5 years old (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	Dates range updated to end 30/06/2018	No change	Primary Dimension changed to Completeness	No change	
			Ro2	HSD Roughness survey within 2.5 years Percentage of the sealed network length with latest HSD roughness data less than 2.5 years old (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Accuracy	No change	Minor change to metric description wording	No change	Dates range updated to end 30/06/2018	No change	Metric retired	No change	
			Ro3	Roughness data has valid location All latest roughness readings located within the extents of the road as defined in the carriageway table (excludes pavement type 'Bridge')	Accuracy		New metric added. This metric was previously dropped due to a lack of confidence in the result when run against the DW data.	No change	No change	No change	No change	No change	

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Demand/Use	Traffic Count	Amenity	Cost Efficiency	TC1	Well targeted traffic count programme Proportion of sealed network VKT with latest traffic count less than 5 years old (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	Dates range updated to end 30/06/2018	No change	Updated to include both sealed and unsealed network. Primary Dimension changed to Completeness. Minor change to metric description wording	No change
				TC2	Historic count data coverage Proportion of sealed network VKT with traffic count records (excludes pavement type 'Bridge')	Completeness	No change	Minor change to metric description wording	No change	No change	No change	Metric removed	No change
				TC3	Traffic count programme activity Proportion of sealed network VKT with traffic count record with a count date in reported financial year (excludes pavement type 'Bridge')	Timeliness	SQL script corrected to return results for the reported financial year. This previously incorrectly reported a 2.5 year period.	Minor change to metric description wording	No change	Dates updated to 2017/18 financial year	No change	Updated to include both sealed and unsealed network. Minor change to metric description wording	Results have been updated. Most results for TC4 have improved with 11 more RCAs now achieving the expected standard.
				TC4	Traffic loading understood Proportion of network VKT with classified traffic count records less than 5 years old (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Timeliness		New metric added. The PMRT holds the traffic and loading detail table data needed. This metric was previously dropped due to this reason.	No change	Dates range updated to end 30/06/2018	No change	Updated to include both sealed and unsealed network. Primary Dimension changed to Completeness. Minor change to metric description wording	No change
				TC5	Historic traffic loading coverage Proportion of network VKT with classified traffic count records (excludes pavement type 'Bridge')	Completeness		New metric added. The PMRT holds the traffic and loading detail table data needed. This metric was previously dropped due to this reason.	No change	No change	No change	Metric retired	No change
	Traffic Estimates	Amenity	Cost Efficiency	TE1	Network has traffic estimates Proportion of sealed carriageway records having a traffic estimate (excludes pavement type 'Bridge')	Completeness	Metric updated to report proportion of carriageway section records rather than length. This makes it consistent with the other Traffic Estimate metrics.	Minor change to metric description wording	No change	No change	No change	Updated to include both sealed and unsealed network. Minor change to metric description wording	No change
				TE2a	Traffic estimates are maintained (High Volume to Arterial) Proportion of traffic estimate records less than 1 year old on sealed High Volume, National, Regional and Arterial network (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Timeliness	No change	Minor change to metric description wording	Metric updated to report a N/A result for RCAs with no roads in these ONRC categories. This is also reflected in the pie chart on page 1 of the report	Dates range updated to end 30/06/2018	No change	Updated to include full network. Minor change to metric description wording	No change
				TE2b	Traffic estimates are maintained (Primary and Secondary Collectors) Proportion of traffic estimate records less than 3 years old on sealed Primary and Secondary Collector network (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Timeliness	No change	Minor change to metric description wording	No change	Dates range updated to end 30/06/2018	No change	Updated to include both sealed and unsealed network. Minor change to metric description wording	No change
				TE2c	Traffic estimates are maintained (Access including Low Volume) Proportion of traffic estimate records less than 5 years old on sealed Access including Low Volume Access network (from 30 June of reported financial year) (excludes pavement type 'Bridge')	Timeliness	No change	Minor change to metric description wording	No change	Dates range updated to end 30/06/2018	No change	Updated to include both sealed and unsealed network. Minor change to metric description wording	No change
				TE3	Traffic estimates updated following counts Proportion of estimate records newer than count records (excludes pavement type 'Bridge')	Accuracy	No change	Changed to be proportion of count records that have a newer estimate record. Minor change to metric description wording	No change	No change	No change	Updated to include both sealed and unsealed network. Minor change to metric description wording	No change

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			TE4	Considered traffic loading Proportion of traffic estimate records with a loading estimate (ie not a default) (excludes pavement type 'Bridge')	Completeness		New metric added. The PMRT holds the traffic and loading detail table data needed. This metric was previously dropped due to this reason.	No change	No change	No change	Updated to include both sealed and unsealed network. Primary Dimension changed to Completeness. Minor change to metric description wording	No change
Crash	Crash Data	Safety	Cr1	Crash data is recent Age (in months) of crash data in terms of time difference between RAMM date added field and date loaded to the PMRT	Timeliness	No change	No change	No change	No change	No change	No change	No change
			Cr2	Crash records with valid location Proportion of crash records located within the extents of the road for the five year period up to the end of the reported financial year	Accuracy	No change	No change	No change	Dates range updated to end 30/06/2018	No change	No change	No change