



**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**  
Performance Governance System  
**Measure Profile**



**MEASURE**  
**C7**

**What is the measure?**

Kilometers of primary roads upgraded to at least International Road Assessment Program (iRAP) 3-star rating

**How is the measure calculated? Clarify the terms in the formula**

Cumulative kilometers of primary roads with iRAP Road Star Rating for Vehicle Occupant upgraded from 1-star and 2-star to at least 3-star (smoothed). This will be obtained from the Safer Roads Investment Plan (SRIP).

**How often is the measure updated/calculated? Indicate policy/law that is applicable.**

Annually

**What is the unit?**

Kilometers (Km)

**What is the basis in setting the targets?**

Department Order No. 164, Series of 2016 (or most current version), concerning the Multi-Year Planning and Programming Procedures Manual

**Who is accountable for the targets?**

Bureau of Quality and Safety and concerned Implementing Offices

**Who is responsible for tracking and reporting the annual accomplishments?**

Bureau of Quality and Safety and concerned Implementing Offices

**What strategic objective is the measure aligned?**

Improved road network quality and safety

**What is the rationale behind the measure?**

The road safety star rating is often used by governments and other organizations to prioritize road safety improvements and investments. By identifying roads with a lower star rating, decision-makers can target resources and interventions to improve safety and reduce the number of crashes, injuries, and fatalities on the road network. International studies have shown that death and injury rates are typically halved for each incremental improvement in road star ratings. The implementation of countermeasures that potentially reduces the risks on the road will prevent deaths and serious injuries, improving the safety performance of the road.

**What data is required in calculating the measure?**

iRAP Star Rating reports and Safer Road Investment Plan and iRAP Post-construction Star rating of implemented road safety projects.

**Where/how will it be acquired?**

The data will be accessible from VIDA (application by iRAP) and the conduct of iRAP post-construction star rating.

**Indicate policy/law that is applicable**

Department Order No. 164, Series of 2016 and Department Order No. 224, series of 2022 (or most current versions)

Baseline	TARGET <sup>1</sup>					
	2023	2024	2025	2026	2027	2028
859.4	859.4	960	1,060	1,160	1,260	1,360

<sup>1</sup>Breakdown will be issued by BQS thru a separate Department Order