

YVCOG 2007 Congestion Mitigation Air Quality (CMAQ) Application Scoring Criteria

CMAQ funding in the Yakima valley is supervised by YVCOG and awarded based on quantitative scoring criteria. The scoring criteria have been approved by the TAC and MPO/RTPO Executive Committee. The applicants fill out applications provided by YVCOG, which are then scored and prioritized. Following is an example of the scoring criteria and summary sheet used in the FFY 2007 CMAQ call for projects.

**Congestion Mitigation Air Quality Program (CMAQ)
Quantitative Scoring Criteria and Summary Sheet**

Lead Agency	
Project Name	

SECTION I: General Qualifying Criteria Checklist

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Has the project submitted results of emissions reduction modeling, or the results of emission reduction projections?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Is the project in the current fiscal year TIP/STIP?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Is the project consistent with Yakima Valley MPO/RTPO Transportation Plan and local land use plans?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Does this project relate directly to congestion relief programs or measures?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Does this project significantly reduce transportation-related emissions?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Has the project secured a local match or partnership funds?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Is the project ready to proceed?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	If a program, does it have a timeline for implementation and a cost estimate?

SECTION II: Weighted Technical Scoring Criteria

- 35% Emission Reduction
- 35% Cost Effectiveness
- 20% Reduction of Vehicle Miles Traveled
- 10% Multimodal Benefits

Scores are weighted to reflect their effectiveness in producing air quality improvements for the PM₁₀ Limited Maintenance Area. Each project submitted for funding has been evaluated relative to its effectiveness in reducing PM₁₀ emissions. Projects for which modeling was required must submit the results of the model run as part of the application packet.

SECTION III: Technical Criteria Scoring

Air Quality Scoring (35%): PM₁₀ Percent Reduction Estimate

Air quality benefits are measured by annual PM₁₀ reduction estimates divided by the total annual amount of PM₁₀ produced in the maintenance area. The total annual amount of PM₁₀ produced in the maintenance area is the threshold value. The threshold value for 2012 is 935 tons of PM₁₀ produced annually. Estimates from the 2012 Visum model run will be used.

High: This project has the potential to produce long-term benefits for many users, involves multi modes, and produces system wide improvements in air quality by reducing PM₁₀ emissions of **4% or greater over threshold.**

Medium: This project has the potential to produce long-term benefits for many users, involves multi modes, and produces system wide improvements in air quality by reducing PM₁₀ emissions of **1 - 3.99% over threshold.**

Low: This project produces short-term benefits for few uses, involves one or no transportation mode, and will be a spot improvement rather than a system-wide improvement, and reduces PM₁₀ emissions by **less than 1% over threshold.**

High 4% +	Medium 2.5% - 3.99%	Medium 1% - 2.49%	Low < 1%
35 Points	27 Points	18 Points	9 Points

POINTS _____

Congestion Scoring (20%): Percent Reduction of Vehicle Miles Traveled

Congestion reduction estimates are based on modeling of ADVMT reductions. Reduction estimates are taken from 2012 Visum model runs.

High 5% +	Medium 3-4%	Low 1-2%
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20 Points	13 Points	7 Points
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POINTS _____

Multimodal Scoring (10%): Benefits to Multiple Modes of Transportation

Projects that enhance multiple modes of transportation and shift travel away from single occupant vehicles will be awarded points based on the table below. Motorized vehicles do not count as a mode and bicycling and walking count as two separate modes of transportation. **Note:** There is a 5 point bonus for projects that create a facility for a non-motorized mode of travel that was not available before the project.

Benefits More Than 2 Modes	Benefits 2 Modes	Benefits at Least 1 Mode
10 Points	6 Points	3 Points

NON-MOTORIZED BONUS POINTS _____ *(5 points possible)*

TOTAL POINTS _____ *(15 points maximum)*

Cost Effectiveness Scoring (35%): Efficient Use of CMAQ Funds

Cost effectiveness scoring is calculated by dividing the annual 2012 PM₁₀ reduction estimates in Kilograms (KG) by the amount of CMAQ funds the project is requesting. Projects will receive higher scores based on how efficiently they reduce PM₁₀ emissions.

Over 10 KG/\$	10 – 11.99 KG/\$	8 - 9.99 KG/\$	6 - 7.99 KG/\$	4 - 5.99 KG/\$	2 - 3.99 KG/\$	< 2 KG/\$
35 Points	30 Points	25 Points	20 Points	15 Points	10 Points	5 Points