



ThinkTank Data Analysis – Quantitative Results

Between October 2008 and February 2009, PAG held 20 ThinkTank sessions for the 2040 RTP with 275 participants. This document is a summary of the results from the rating questions that were asked during the ThinkTank session. There were four separate rating questions in which participants rated an item on a scale of 1-10. For each question, the individual participants' scores were totaled to produce these quantitative results.

The following definitions are provided to help read the tables.

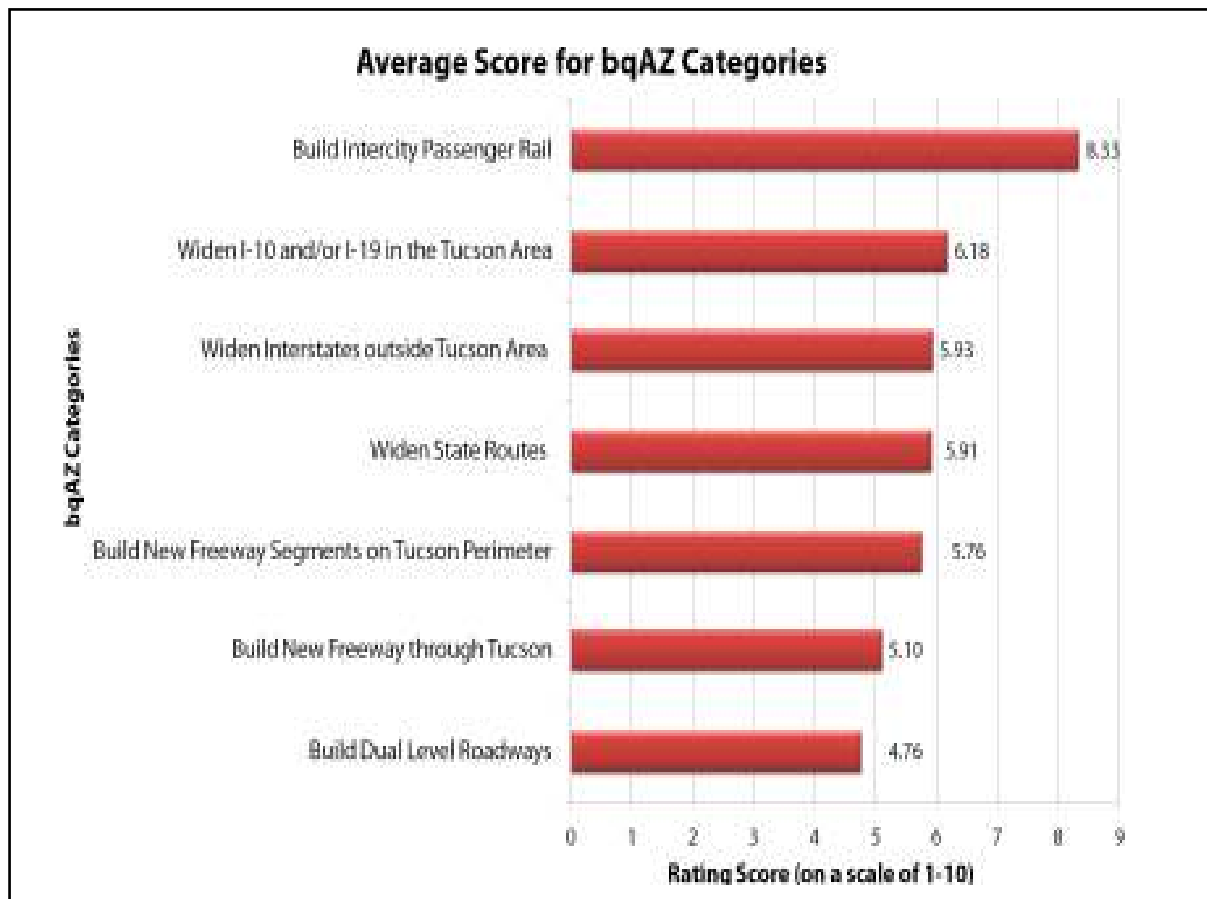
Mean – The average of the individual participants' scores.

Median – The number separating the higher half of the scores from the lower half. This can help show the distribution of the values.

Mode – The value that occurs the most frequently.

Standard Deviation - A measure of the dispersion from the average. A low standard deviation indicates that the data points tend to be very close to the average, while high standard deviation indicates that the data are "spread out" over a large range of values. Therefore, a lower standard deviation indicates more consensus among the participants.

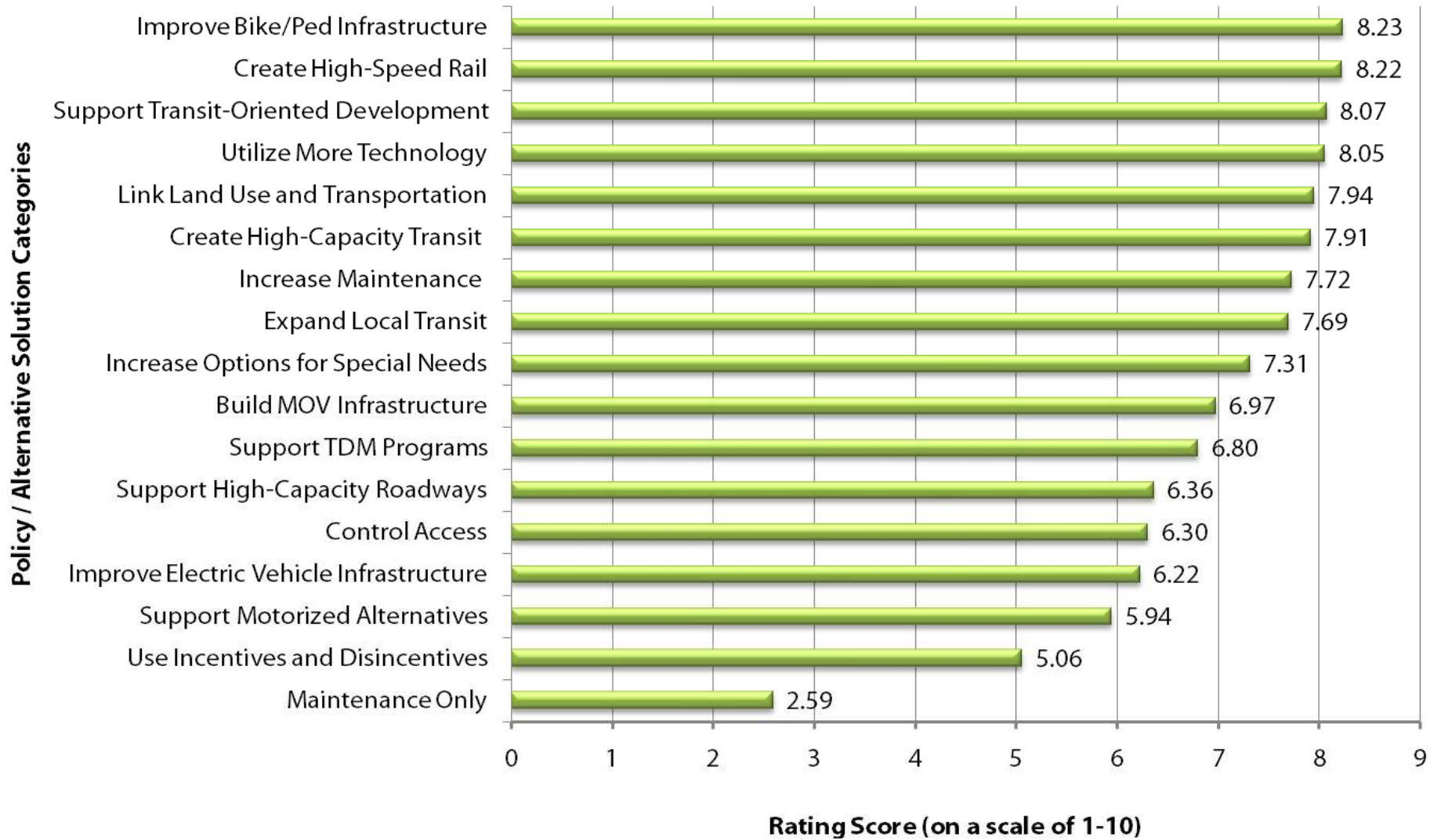
Below are tables and charts for the questions on 1) statewide projects (bqAZ), 2) Policy/Alternative solutions, and 3) financing strategies. The fourth rating question was for the goals from the 2030 RTP; the task force already received a summary report on the vision and goals data.



2. TT analysis - Rating of Policy / Alternative Solutions

Rank	Full Text from ThinkTank Workbook	Mean	Median	Mode	St. Dev.
1	Improve Bike/Ped Infrastructure (Add bike routes, shared-use paths, sidewalks, bike/pedestrian traffic signals, and support programs such as Safe Routes to School)	8.23	9	10	2.37
2	Create High-Speed Rail (High-Speed Passenger Rail between large urban areas such as Tucson-Phoenix)	8.22	10	10	2.60
3	Support Transit-Oriented Development (Build higher density residential and commercial developments near transit routes, build transit out to dense suburban areas)	8.07	9	10	2.38
4	Utilize More Technology (Increase use of cameras and sensors to allow traffic signals to respond to changes in traffic flow and operate in conjunction with nearby signals)	8.05	9	10	2.30
5	Link Land Use and Transportation (Support infill and/or high-density development, mixed land use)	7.94	9	10	2.55
6	Create High-Capacity Transit (Light rail, commuter rail or bus rapid transit within Eastern Pima County)	7.91	9	10	2.52
7	Increase Maintenance (Make maintenance of the transportation infrastructure a top priority, while also spending some funds on other programs and projects)	7.72	8	10	2.33
8	Expand Local Transit (Expand Sun Tran routes, hours of operation, bus shelters, add more local circulators)	7.69	8	10	2.42
9	Increase Options for Special Needs (Further expand van transportation services for elderly and individuals with disabilities who cannot manage the existing bus system)	7.31	8	10	2.49
10	Build MOV Infrastructure (MOVs = Multiple Occupancy Vehicles like carpools, vanpools, transit; create high occupancy vehicle (HOV) lanes on Interstates, build more Park-and-Ride lots, transit stations)	6.97	8	10	2.65
11	Support TDM Programs (TDM = Travel Demand Management; support marketing and incentives to encourage alternatives to commuting alone in a vehicle)	6.80	7	10	2.67
12	Support High-Capacity Roadways (Build a highway loop around Tucson, a parkway or highway through the center of Tucson, add more lanes on existing highways)	6.36	7	10	3.51
13	Control Access (Limit driveways along major corridors)	6.30	7	10	2.96
14	Improve Electric Vehicle Infrastructure (Install charging stations for electric vehicles at parking lots and gas stations throughout the region)	6.22	7	10	2.87
15	Support Motorized Alternatives (Support traffic laws and facilities necessary to allow the safe use of mopeds, segways, electric bicycles; this does not include motorcycles, which are already regulated)	5.94	6	10	3.01
16	Use Incentives and Disincentives (Institute fees for drivers on the most congested roadways, i.e. toll roads or toll lanes, or institute parking restrictions to encourage carpooling and alternative modes of transportation)	5.06	5	1	3.33
17	Maintenance Only (Just spend funds on maintaining the transportation infrastructure and services we already have; do not build anything new)	2.59	1	1	2.55

Think Tank Data - Average Score for Policies/Solutions



3. TT analysis - Finance Question

Quantitative Summary for all individual participants (not broken down by session)

RANK	Full Text	Mean	Median	Mode	St. Dev.
1	Extend the Regional Sales Tax (Extend the existing regional sales tax beyond 2026, to allow for more RTA projects)	7.03	8	10	3.12
2	Index the Gas Tax (Support the gas tax rising with inflation – not an immediate increase but instead an increase over time)	6.94	8	10	3.07
3	Increase Impact Fees (Impact fees are a one-time contribution on new residential and commercial development)	6.88	8	10	3.09
4	Raise the Gas Tax (Support an increase in the state gas tax)	6.40	7	10	3.40
5	Increase Regional Sales Tax (Increase the existing sales tax rate as occurred with the RTA to allow more projects and expand alternative mode choices in the region)	4.87	5	1	3.03
6	Public-Private Partnerships (A private company purchases a highway or bridge from a public entity and make a profit off tolling)	4.61	4	1	3.39
7	Charge for Miles Traveled (Consider a system that partially bases transportation fees (insurance rates, new mileage fees) on vehicle miles traveled – the more miles, the higher the rate. This solution is being piloted in parts of the country)	4.50	3	1	3.44
8	Congestion Pricing (Tax vehicles that drive during peak times and/or through congested areas)	4.16	3	1	3.27
9	Increase State Sales Tax (Support an increase in the state sales tax)	3.89	3	1	2.82
10	Increase Property Tax (Link a transportation fee to the property tax in the region)	3.26	2	1	2.59
11	Make Do (Regardless of the needs, government should make the most of the existing resources and not seek additional funds for transportation)	2.58	1	1	2.77

ThinkTank Data - Average Score for Finance Strategies

