

Methodology Part 4:

Survey Questions Importance Ranking

A panel comprised of the senior MAF leadership and seasoned members of the operations team gathered to review and evaluate the importance of each barrier and ministry scan factor as well as each question asked in sections one and two on the survey instrument.

Following a briefing (appendix, page 33), each factor was reviewed and assessed in relative importance. When views differed, panel members discussed their views then reached agreement on relative importance, either unanimously or by majority.

Once relative importance was determined for each factor, the process was repeated for each question. Relative importance was expressed in percentages. The odd number of panel members prevented any ties.

The relative importance of each barrier factor was determined to be equal. Likewise for the ministry scan factors.

Next, the panel determined the relative importance of each question within each factor. For example, if five questions represent 100% of what MAF is surveying about a specific factor, then the panel allocated a percentage to each of the questions.

On questions 32 through 39, each panel member assigned a rank on the relative importance of each question (1 representing the highest importance; 8 representing the lowest). Total scores was tabulated to determine the panel's importance ranking.

The panel's decisions on the relative importance of factors and questions were forwarded to Dr. Dennis Sheridan and served as the basis for creating factor indices as well as composite indices for barriers and ministry.

PANEL MEMBERS:

Kevin Swanson, President and Chief Executive Officer

Dennis Fulton, Vice President and Chief Operating Officer
(Dennis Fulton was COO at that time. Today, Dave Bochman performs that role.)

Dave Wunsch, Director of Operations Support

Dave Rask, Manager of Safety

Rolland Trempert, Manager of Aviation Services

SECTION 1: BARRIER ASSESSMENT

FACTOR RANKING FOR COMPOSITE BARRIER INDEX

From Surveys:	14.3%	Transportation & Travel (Q12-24)
	14.3%	Communications (Q 25-27)
	14.3%	Social & Economic (Q 28-31)
	14.3%	Political & Religious (Q 32-39)
	14.3%	Agency Resources & Barrier Comparison (Q 40-42)



From GIS:	14.3%	Road Access: 1. Road Density (km per sq km) – 2. Area Unreached by Roads (sq km) – 3. Population Unreached by Roads
	14.3%	Geography: 1. Mean Slope (terrain) – 2. Avg. Population per sq km – 3. Area (sq km) – 4. Population

QUESTION RANKING FOR BARRIER FACTORS INDICES

SECTION 1B: SECTOR TRANSPORTATION/TRAVEL

Overall weight of questions 12-17 as a group, relative to *Transportation & Travel* factor: 40%

<u>Weight of questions 12-17 relative to this sub-group</u>	
15%	12. In this sector, what are the typical modes of transportation used for people and cargo?
40%	13. Estimated number of communities within this sector with year-round access by road suitable for motorized vehicles or by navigable waterway?
15%	14. Are there any plans to develop roads in this sector?
0	15. In this sector, WHERE do you travel now and/or what areas is your agency most interested in?
15%	16. Please define HOW you travel during a <i>typical</i> journey between two of the points listed above.
15%	17. Please define HOW you travel during a <i>worst case</i> journey between two of the points listed above.

● **SUPPLIES & EQUIPMENT**

Overall weight of questions 18-20 as a group, relative to *Transportation & Travel* factor: 10%

<u>Weight of questions 18-20 relative to SUPPLIES & EQUIPMENT</u>	
10%	18. What types of supplies, equipment, and material do you need to transport In order to do your work in this sector?
40%	19. Do unaccompanied supplies shipped or received in this sector reach their destination ON TIME?
50%	20. Do unaccompanied supplies shipped or received in this sector reach their destination IN GOOD CONDITION?

● SAFETY & SECURITY

Overall weight of questions 21-23 as a group, relative to *Transportation & Travel* factor: 30%

<u>Weight of questions 21-23 relative to SAFETY & SECURITY</u>	
60%	21. Usually, when traveling in this sector using the typical mode(s) of travel, how frequent are incidences of illness, disease, or injury requiring professional medical attention?
10%	22. Usually, when traveling or shipping supplies throughout this sector, what type of hindrances or threats do you face?
30%	23. How frequent are occurrences of such hindrances or threats?

● AFFORDABILITY

Overall weight of question 24 relative to *Transportation & Travel* factor: 20%

<u>Weight of questions 24 relative to AFFORDABILITY</u>	
100%	24. In this sector, how does the cost of travel impact your work?

SECTION 1C: SECTOR COMMUNICATIONS

Weight of questions 25-27 relative to *Communications* factor:

- | | |
|-----|---|
| 50% | 25. What communication options are available in the RURAL AREAS of this sector? |
| 25% | 26. What communication options are available in the POPULATED CENTERS of this sector? |
| 25% | 27. Are there any plans to improve communications in this sector? |

SECTION 1D: SECTOR SOCIAL & ECONOMIC FACTORS

Weight of questions 28-31 relative to *Social & Economic* factor:

- | | |
|-----|--|
| 30% | 28. In this sector, how would you describe the economic conditions of the general population? |
| 20% | 29. In this sector, how would you describe the literacy situation?
Overall: Women: |
| 25% | 30. In this sector, how would you describe the mortality rate for children under age 5? |
| 25% | 31. In this sector, how would you describe the level of health care services available from modern, medical professionals? |

SECTION 1E: SECTOR POLITICAL & RELIGIOUS FACTORS

Rank of questions 32-39 relative to *Political & Religious* factors:

- #6 32. Overall, how does the government view this sector?
 Developmentally Politically Equal weight for all 4 areas
 Economically Militarily
- #4 33. In this sector, how receptive are RELIGIOUS LEADERS to work by CHRISTIAN AGENCIES?
- #1 34. How receptive are LOCAL POLITICAL LEADERS to work by CHRISTIAN AGENCIES?
- #2 35. How receptive are LOCAL POLITICAL LEADERS to work by FOREIGN, NON-RELIGIOUS agencies?
- #5 36. How difficult is it to obtain government permits/permission?
 Foreign NGOs: Equal weight for both agency types
 Christian Agencies:
- #8 37. In this sector, how extensive is the government “red tape”?
- #7 38. In this sector, how prevalent are bribery and dishonest practices?
- #3 39. In this sector, how much cooperation is there between agencies?
 Between National and Foreign NGOs
 Between the National Church and Expatriate Mission Agencies

Breakdown of Panel Rankings of Questions 32-39

Q No.	DF	RT	DW	DR	KS	Panel Score	Importance Ranking 1=Highest 8=Lowest	Assigned % Weight
32	8	6	8	6	5	33	6	5%
33	1	4	6	4	4	19	4	15%
34	2	2	2	1	1	8	1	25%
35	3	1	3	2	2	11	2	20%
36	5	3	4	3	8	23	5	11%
37	7	8	5	8	7	35	8	4%
38	6	7	7	7	6	33	7	5%
39	4	5	1	5	3	18	3	15%

SECTION 1F: SECTOR AGENCY RESOURCES

Weight of questions 40-42 relative to *Agency Resources AND Barrier Comparison* factors:

- 30% 40. How would you describe the level of resources available TO YOU to carry out your work IN THIS SECTOR?
 Agency Personnel Equipment & Supplies Equal weight for all 4 resources
 Local Helpers Funding

SECTION 1G: SECTOR BARRIER COMPARISON

- 70% 41. Overall, how would you rate the impact of the following factors as barriers that impede or prevent your CURRENT and/or FUTURE WORK in this sector?
 Transportation
 Communications
 Social & Economic Conditions
 Political & Religious Conditions
 Organizational Issues
 Other: _____
- 0 42. In this sector, are there any barriers to your ministry not addressed by this survey?

SECTION 2: MAF MINISTRY SCAN

FACTOR RANKING FOR OVERALL MINISTRY SCAN INDEX

- 20% Critical resources in place (Q 43-49)
 - 20% Lives won to Christ (Q 50-52)
 - 20% Churches planted & growing (Q 53-56)
 - 20% Leaders identified & trained (Q 57-60)
 - 20% Communities transformed (Q 61-63)
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SECTION 2A: MINISTRY RESOURCES FOR SECTOR

POTENTIAL MAF IMPACT

Weight of question 43 relative to *MFA Impact* factor:

- 0% 43. MAF Not present in Sector
- 0% MAF Present in Sector

CRITICAL RESOURCES IN PLACE

Weight of questions 44-49 relative to *Critical Resources* factor:

- 16.66% 44. Scriptures Available in Understandable Form — *translation projects, Gospel recordings, etc.*
- 16.66% 45. People as an Incarnational Presence — *Christian workers, missionaries (expatriate & national), etc.*
- 16.66% 46. Evangelism Tools & Methods — *JESUS film, printed tracts, church Planting strategies, radio broadcasts, etc.*
- 16.66% 47. Training Tools & Methods—*Bible schools, seminaries, correspondence courses, TEE strategies, DE resources, etc.*
- 16.66% 48. Social Transformation Tools & Methods — *primary health care programs, hospitals, literacy programs, agriculture projects, etc.*
- 16.66% 49. Linkage to Global Christian Community — *short-term expatriate visits, printed matter, e-mail, two-way radio, networks, conferences, etc.*

SECTION 2B: MINISTRY RESULTS FOR SECTOR

LIVES WON TO CHRIST AND GROWING IN MATURITY

Weight of questions 50-52 relative to *Lives Won to Christ* factor:

- 25% 50. What percentage of Christians make up the general population?
- 25% 51. What is the growth rate among Christians over the past two years?
- 50% 52. To what degree are individual Christians or Christian families maturing in their faith and becoming change agents? (*Ex.: transformed by prayer; demonstrating forgiveness, compassion, personal holiness, etc.*)

CHURCHES—PLANTED, GROWING AND REPRODUCING THEMSELVES

Weight of questions 53-56 relative to *Churches planted, growing, reproducing* factor:

- 10% 53. What percentage of the population has access to a local church?
- 30% 54. How many of the local churches are actively involved in reproducing themselves?
- 35% 55. To what degree are churches involved in outreach and ministry?
- 25% 56. To what degree are churches (including those of different denominations) working together in harmony and demonstrating unity?

LEADERS—IDENTIFIED, TRAINED AND RECEIVING ONGOING MENTORING

Weight of questions 57-60 relative to *Leaders identified, trained, mentored* factor:

- 25% 57. To what degree are new leaders being identified, trained and mentored?
- 25% 58. What kind of training options are in place and currently being used?
- 25% 59. What level of leadership training is in place?
- 25% 60. To what degree is leadership training producing servant leaders?

COMMUNITIES—TRANSFORMED WITH KINGDOM VALUES AND PEOPLE RECEIVING BASIC HUMAN NEEDS

Weight of questions 61-63 relative to *Communities Transformed* factor:

- 33.33% 61. How well are the basic human needs (water, nutrition, health, education) of the poor being addressed as a result of Christian ministry?
- 33.33% 62. How well are dissimilar groups, tribes, peoples, social classes, etc., getting along and working together in harmony as a result of Christian witness or ministry?
- 33.33% 63. How much are other local values moving toward Kingdom values as a result of Christian witness and ministry? (*Ex.: decrease in alcoholism, adultery, wife abuse, child labor, corruption, consumerism, pollution, etc.*)