

## 2.3.3 Indonesia Papua Road Network

- Indonesia Papua Road Network
  - Distance Matrix – Jayapura Area
  - Distance Matrix – Biak Area
  - Distance Matrix – Merauke Area
  - Distance Matrix – Wamena Area
  - Travel Time Matrix
  - Road Security
  - Weighbridges and Axle Load Limits

### Indonesia Papua Road Network



There is currently no connecting road network throughout the Papua province, particularly in the central highlands. Where there is road access it is centred around major towns and where possible spreads out to more regional areas. Roads are a combination of asphalt and dirt/gravel in more inaccessible locations. There is currently no road that links Jayapura in the North to Merauke in the South of the highlands.

The development of the “Trans Papua” road is on-going. This road aims to link all the major towns in the Papua central highlands via an asphalt road. The interconnected highways would connect seven regions, namely Nabire - Waghete - Enarotali sepanjang (262 km), Timika -Mapurujaya - Pomako (42 km), Serui - Menawi - Saubeba (49 km), Jayapura - Wamena - Mulia (733 km), Jayapura - Sarmi (364 km), Jayapura - Hamidi - Holtekam - Skow - Papua New Guinea border (53 km) and Merauke – Waropko (557 km).

Construction on the road has been on-going for many years and there is currently no date for completion as it is dependent upon funding. However, parts of this road have been completed, for example the roads in the Merauke district are now complete with asphalt up to the district border. In other sections of the road it is classified as “jungle” as is only able to be passed with a 4x4 vehicle if there has been no rains or other issues for a number of weeks.

Wamena is not accessible by road from any direction and air operations are the only option for the movement of passengers and cargo.

For information on Indonesia Road Network contact details, please see the following link:

#### 4.2.1 Indonesia Government Contact List

## Distance Matrix – Jayapura Area

	Jayapura	Abepura	Sentani Airport	Sarmi	Keerom	PNG Border
Jayapura		13	38	364	60	42
Abepura	13		25	351	N/A	N/A
Sentani Airport	38	25		N/A	N/A	N/A
Sarmi	364	351	N/A		N/A	N/A
Keerom	60	N/A	N/A	N/A		N/A
PNG Border	42	N/A	N/A	N/A	N/A	

Jayapura to Senggi is 159kms of asphalt road, after this the road to Wamena is classified as “jungle”.

## Distance Matrix – Biak Area

	Biak	Bosnik	Samber	Korem	Warsa	Yenggarbun	Wardo	Sorendiwari
Biak		15	26	36	47	116	60	110
Bosnik	15		20	N/A	N/A	N/A	N/A	N/A
Samber	26	20		N/A	N/A	N/A	34	N/A
Korem	36	N/A	N/A		N/A	80	55	74
Warsa	47	N/A	N/A	N/A		N/A	N/A	63
Yenggarbun	116	N/A	N/A	80	N/A		N/A	N/A
Wardo	60	N/A	34	55	N/A	N/A		N/A
Sorendiwari	110	N/A	N/A	74	63	N/A	N/A	

## Distance Matrix – Merauke Area

	Merauke	Sota	Bupul	Muting	Asike	Tanah Merah
Merauke		76	244	247	370	458
Sota	76		168	171	294	382
Bupul	244	168		3	126	214
Muting	247	171	3		123	211
Asike	370	294	126	123		88
Tanah Merah	458	382	214	211	88	

All the roads listed above are asphalt and are available for all vehicle access.

## Distance Matrix – Wamena Area

	Wamena	Karubaga	Tiom	Elelin	Mulia	Yonguru	Jayapura
Wamena		90	90	135	240	170	680
Karubaga	90		180	225	150	N/A	N/A
Tiom	90	180		N/A	N/A	N/A	N/A

<b>Elelin</b>	135	225	N/A		N/A	N/A	N/A
<b>Mulia</b>	240	150	N/A	N/A		N/A	N/A
<b>Yonguru</b>	170	N/A	N/A	N/A	N/A		N/A
<b>Jayapura</b>	680	N/A	N/A	N/A	N/A	N/A	

Wamena to Elelin is an asphalt road. In general the roads are in a poor condition and very narrow in this area.

## Travel Time Matrix

Travel times for the Papua central highlands are unpredictable and it is recommended to refer to conditions on the ground when making arrangements.

Travel Time from Capital City to Major Towns (km)						
	Jayapura	Abepura	Sentani Airport	Sarmi	Keerom	PNG Border
Jayapura		25 mins	1 hr	8hrs	2 hrs	
Abepura	25 mins		40 mins			
Sentani Airport	1 hr	40 mins				
Sarmi	8 hrs					
Keerom	2 hrs					
PNG Border						

## Road Security

As road conditions can be unpredictable due to weather conditions, planning in advance of any mission is advised. In Wamena and the surrounding areas, there have been instances in the past of violence against vehicles or their occupants. Therefore, checks should be made with the local Papuan authorities as well as UNDSS for security issues along the road network

## Weighbridges and Axle Load Limits

Roads that are dirt or gravel should use 4x4 vehicle transport only and carry a maximum load of 3 tonnes. The bridges in Biak province are wooden and the maximum load for use is 10mt. Road transportation in Wamena is via 4x4 vehicles and the maximum load is 5mt.

Axle load limits	Papua
Truck with 2 axles	18mt
Truck with 3 axles	18mt
Truck with 4 axles	N/A
Semi-trailer with 3 axles	N/A
Semi-trailer with 4 axles	N/A
Semi-trailer with 5 axles	N/A
Semi-trailer with 6 axles	N/A
Truck & drawbar trailer with 4 axles	N/A
Truck & drawbar trailer with 5 axles	N/A
Truck & drawbar trailer with 6 axles	N/A
Truck & drawbar trailer with 7 axles	N/A