

## B. Inter-island Link Projects

### 1) Iloilo-Guimaras Link (Guimaras Bridge)

Province	Land use	Project Type		Length (km)
Iloilo	Iloilo site: Flat paddy rice field	Suspension Bridge		1.97
Guimaras	Guimaras site: Flat shrub land	Approach Road		0.21
Check Item		During Construction	Operation	
		Assessment	Mitigating Measures	Assessment
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	B	Warning signs	B or P
	Split of communities	D		D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Proper design and works	B
	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	D
	Groundwater	D		D
	Hydrological situation	B	Hydrological survey	D
	Coastal zone	B	Proper design	D
	Flora and fauna	B	Ecological survey Protection plan	C
Public Nuisance	Landscape	B	Harmonious design	D
	Air pollution	B	Water spray	D
	Water pollution	A	Pollution control	D
	Noise and vibration	B	Machinery control	D

### 2) Guimaras-Negros Link (Guimaras-Negros Trans-island Bridges)

Province	Land use	Project Type		Length (km)
Guimaras Negros Occidental	Guimaras site: Flat paddy rice field	5 Suspension Bridges		8.69
	Middle site: Coconut farm and tidal zone	Causeway and Approach Road		
	Negros Occidental site: Flat sugarcane farm			23.3
Check Item		During Construction	Operation	
		Assessment	Mitigating Measures	Assessment
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	B	Warning signs	B or P
	Split of communities	D		D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Proper design and works	B
	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	D
	Groundwater	D		D
	Hydrological situation	A	Hydrological survey Culvert design	C
	Coastal zone	A	Proper design	C
	Flora and fauna	A	Ecological survey Protection plan	C
Public Nuisance	Landscape	A	Harmonious design	D
	Air pollution	B	Water spray	D
	Water pollution	A	Pollution control	D
	Noise and vibration	B	Machinery control	D

Assessment: A : High Negative Impact      B : Low Negative Impact

C : Unknown Impact

D : No Impact

P : Positive Impact

Expected level  
is low

3) Luzon (Batangas)-Mindoro Link (Undersea Tunnel)

Province	Land use	Project Type		Length (km)
		Undersea Tunnel	Loop Tunnel	
Batangas	Batangas site: Mountainous residual forest			
Oriental Mindoro	Verde island site: Flat farm land Oriental Mindoro site: Flat farm land			21.5
	Check Item	During Construction	Operation	
		Assessment	Mitigating Measures	Assessment
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	B	Warning signs	B or P
	Split of communities	D		D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	A	Proper disposal plan	D
Hazard	A	Proper design and works	B	Tunnel maintenance Active fault line zone
Natural Environment	Topography and geology	A	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	D
	Groundwater	A	Aquifer survey Proper drainage system	A
	Hydrological situation	D		C
	Coastal zone	B	Proper design	D
	Flora and fauna	B	Ecological survey Protection plan	C
	Landscape	D		D
Public Nuisance	Air pollution	B	Water spray	B
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

4) Luzon (Sorsogon)-Samar Link (Submerged Tunnel)

Province	Land use	Project Type		Length (km)
		Submerged Tunnel		
Sorsogon	Sorsogon site: Mountainous coconut farm			
Northern Samar	Northern Samar site: Flat coconut farm			18.0
	Check Item	During Construction	Operation	
		Assessment	Mitigating Measures	Assessment
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	B	Warning signs	P
	Split of communities	D		D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	A	Proper disposal plan	D
Hazard	B	Proper design and works	B	Tunnel maintenance
Natural Environment	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	D
	Groundwater	D		D
	Hydrological situation	A	Hydrological survey	C
	Coastal zone	B	Proper design	D
	Flora and fauna	A	Ecological survey Protection plan	C
	Landscape	D		D
Public Nuisance	Air pollution	B	Water spray	B
	Water pollution	A	Pollution control	D
	Noise and vibration	B	Machinery control	D

Assessment: A : High Negative Impact      B : Low Negative Impact

C : Unknown Impact

D : No Impact      P : Positive Impact

Expected level  
is low

5) Cebu-Negros Link (Undersea Tunnel)

Province	Land use		Project Type		Length (km)	
	Cebu site: Rolling coconut farm		Undersea Tunnel		16.5	
Social Environment	Check Item	During Construction		Operation		Remarks
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	
	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	B	Warning signs	B or P	Reemployment plan	To ferry staff
	Split of communities	D		D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
Natural Environment	Waste	A	Proper disposal plan	D		
	Hazard	B	Proper design and works	B	Tunnel maintenance	
	Topography and geology	A	Proper design and works	D		
	Soil erosion	B	Proper design and construction plan	D		
	Groundwater	A	Aquifer survey Proper drainage system	A	Monitoring program Drainage control	
	Hydrological situation	D		C	Monitoring program	
	Coastal zone	B	Proper design	D		
	Flora and fauna	B	Ecological survey Protection plan	C	Monitoring program	
Public Nuisance	Landscape	D		D		
	Air pollution	B	Water spray	B	Emission control	Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

## Group 1

### 1) MINDORO CROSS ISLAND ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Oriental Mindoro	MR 3-2	6.77	Rolling	New Road		
Occidental Mindoro	MR 3-3	59.12	Mountainous	New Road		
Check Item		During Construction		Operation		
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	A	Public hearing Participation program	B	Educational program	Within Ancestral Domain area
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance	
	Topography and geology	B	Proper design and works	D		
	Soil erosion	A	Proper design and construction plan Drainage works	B	Road maintenance	
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	D		D		
	Flora and fauna	A	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	Within Protected Area
Public Nuisance	Landscape	B	Road side plantation	D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

### 2) CALAPAN-SOCORRO COASTAL ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Oriental Mindoro	MR 6-2	36.12	Flat/Coastal	New Road		
Check Item		During Construction		Operation		
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	D		D		
	Topography and geology	D		D		
	Soil erosion	D		D		
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	C	Hydrological survey Hydrological management	D		
	Flora and fauna	D		D		
Public Nuisance	Landscape	D		D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

### 3) MAMBURAO-ABRA DE ILOG COASTAL ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Occidental Mindoro	MR 8-2	67.07	Coastal(stEEP)	New Road	
Check Item		During Construction		Operation	Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		C	
	Hydrological situation	D		D	
	Coastal zone	C	Proper design	D	
	Flora and fauna	A	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Harmonious design Road side plantation	D	Within Protected Area
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	Expected level is low

### 4) PALAWAN SOUTH ROAD EXTENSION / J.P.RIZAL-QUEZON WEST COAST ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Palawan	PL 3-3	54.23	Coastal	New Road	
Palawan	PL 6-2	42.45	Coastal	New Road	
Check Item		During Construction		Operation	Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	D		D	
	Topography and geology	B	Proper design and works	D	
	Soil erosion	C	Proper works	D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	B	Proper design	D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Harmonious design Road side plantation	D	
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	Expected level is low

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

5) QUEZON-BACUNGAN WEST COAST ROAD / SALVACION-ROXAS WEST COAST ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Palawan	PL 4-2	90.84	Coastal(stEEP)	New Road		
Palawan	PL 5-2	117.65	Coastal(stEEP)	New Road		
Check Item		During Construction		Operation		
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	Remarks
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	C	Public hearing Participation program	C	Educational program	
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Slope protection	B	Road maintenance	
	Topography and geology	B	Proper design and works	D		
	Soil erosion	B	Proper design and construction plan	B	Road maintenance	
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	B	Proper design	D		
	Flora and fauna	A	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	Within Protected Area
Public Nuisance	Landscape	B	Harmonious design Road side plantation	D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

6) MASBATE SOUTH COAST ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Masbate	MS 7-1	35.61	Flat	New Road		
Masbate	MS 7-2	11.87	Flat	New Road		
Masbate	MS 7-3	18.90	Flat	New Road		
Check Item		During Construction		Operation		
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	Remarks
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	C	Hydrological survey	C		
	Topography and geology	D		D		
	Soil erosion	C	Proper works	D		
	Groundwater	D		D		
	Hydrological situation	B	Hydrological survey Drainage design	C	Drainage maintenance	
	Coastal zone	D		D		
	Flora and fauna	D		D		
Public Nuisance	Landscape	D		D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

7) PANAY EAST-WEST LINK ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Illoilo Antique	PA 3-7 PA 3-8	33.77 52.20	Rolling Mountainous	New Road New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	A	Public hearing Participation program	B	Educational program
	Cultural property	C	Property survey	D	Within Ancestral Domain area
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	A	Proper design and construction plan Drainage works	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

8) AKLAN PENETRATION ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Aklan	PA 12-2	3.14	Flat	New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	C	Hydrological survey	C	
	Topography and geology	D		D	
	Soil erosion	D		D	
	Groundwater	D		D	
	Hydrological situation	C	Hydrological survey	C	Hydrological management
	Coastal zone	D		D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	D		D	Expected level is low
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

**9) LEON-SIBALOM CROSS MOUNTAIN ROAD**

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Iloilo	PA 16-2	37.39	Mountainous	New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	B	Public hearing Participation program	D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

**10) BORAG-ALUBUERA ROAD**

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Leyte	LE 12-3	35.07	Mountainous	New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	Expected level is low
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

11) SOUTH SAMAR COASTAL ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Western Samar	SA 5-2	38.92	Coastal	New Road		
Check Item		During Construction		Operation		
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
	Hazard	C	Proper alignment	D		
Natural Environment	Topography and geology	B	Proper design and works	D		
	Soil erosion	D		D		
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	B	Proper design	D		
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	
	Landscape	B	Harmonious design	D		
	Air pollution	B	Water spray	D		Expected level is low
Public Nuisance	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

12) SAMAR PACIFIC COAST ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Northern Samar	SA 6-2	7.36	Flat	New Road		
Eastern Samar	SA 6-3	13.94	Coastal	New Road		
Check Item		During Construction		Operation	Remarks	
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
	Hazard	D		D		
Natural Environment	Topography and geology	D		D		
	Soil erosion	D		D		
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	B	Proper design	D		
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	
	Landscape	B	Harmonious design	D		
	Air pollution	B	Water spray	D		Expected level is low
Public Nuisance	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

**13) SAMAR CENTRAL ROAD**

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Northern Samar	SA 8-2	27.33	Flat	New Road	
Western Samar	SA 8-3	59.88	Rolling	New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Harmonious design	D	
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	Expected level is low

**14) BASEY-BORONGAN ROAD**

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Western Samar	SA 9-2	26.67	Mountainous	New Road	
Eastern Samar	SA 9-3	40.55	Rolling	New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	B	Public hearing Participation program	C	Educational program
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	B	Proper design	D	
	Flora and fauna	A	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	Within Protected Area
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	Expected level is low

Assessment:      A : High Negative Impact      B : Low Negative Impact  
                           C : Unknown Impact      D : No Impact      P : Positive Impact

**15) DAPITAN-OROQUIETA-TANGUB-TUBOD-S.N. DIMAPORO ROAD**

Province	No. of Road Section	App. Length (km)	Terrain	Project Type
Lanao Del Norte	MI 8	4.23	Flat	New Bridge
Check Item		During Construction	Operation	
		Assessment	Mitigating Measures	Assessment
				Mitigating Measures
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	B	Warning signs	B or P
	Split of communities	B	Public hearing Participation program	D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Proper design and works	B
	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	
	Groundwater	D		D
	Hydrological situation	B	Hydrological survey	C
	Coastal zone	B	Proper design	D
	Flora and fauna	B	Ecological survey Protection plan	B
Public Nuisance	Landscape	B	Harmonious design	D
	Air pollution	B	Water spray	D
	Water pollution	A	Pollution control	D
	Noise and vibration	B	Machinery control	D
				Expected level is low

**16) KATIPUNAN-S.OSMENA-MOLAVE-LABANGAN ROAD**

Province	No. of Road Section	App. Length (km)	Terrain	Project Type
Zamboanga Del Sur	MI 13		Mountainous	New Road
Zamboanga Del Norte	MI 13		Mountainous	New Road
Check Item		During Construction	Operation	
		Assessment	Mitigating Measures	Assessment
				Mitigating Measures
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	D		D
	Cultural property	D		D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Proper alignment	B
	Topography and geology	B	Proper design and works	D
	Soil erosion	A	Proper design and construction plan Drainage works	B
	Groundwater	D		D
	Hydrological situation	D		D
	Coastal zone	D		D
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B
Public Nuisance	Landscape	B	Road side plantation	D
	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D
				Expected level is low

Assessment:      A : High Negative Impact      B : Low Negative Impact  
                           C : Unknown Impact      D : No Impact      P : Positive Impact

17) MINDANAO EAST WEST LATERAL ROAD / ESPERANZA-BUKIDNON ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Agusan Del Sur	MI 15	86.13	Flat/Rolling	New Road	
Bukidnon	MI 15	11.13	Rolling	New Road	
Bukidnon	MI 15	1.39	Rolling	New Road	
Bukidnon	MI 46-2	18.23	Rolling	New Road	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	A	Public hearing Participation program	B	Educational program Within Ancestral Domain area
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
	Hazard	B	Slope protection	B	Road maintenance
Natural Environment	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

18) MINDANAO EAST WEST LATERAL ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Bukidnon	MI 15	13.04	Rolling	New Road	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
	Hazard	B	Slope protection	B	Road maintenance
Natural Environment	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

19) MINDANAO EAST WEST LATERAL ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Lanao Del Sur	MI 15	78.83	Mountainous	New Road		
Lanao Del Norte	MI 15		Mountainous	New Road		
Check Item		During Construction		Operation	Remarks	
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	B	Public hearing Participation program	D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
	Hazard	B	Proper alignment Slope protection	B	Road maintenance	
Natural Environment	Topography and geology	B	Proper design and works	D		
	Soil erosion	A	Proper design and construction plan Drainage works	B	Road maintenance	
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	D		D		
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	
Public Nuisance	Landscape	B	Road side plantation	D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

20) AGUSAN RIVER WEST SIDE ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Agusan Del Sur	MI 19-4	25.86	Flat	New Road		
Check Item		During Construction		Operation	Remarks	
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	B	Public hearing Participation program	D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
	Hazard	B	Hydrological survey	B	Road maintenance	
Natural Environment	Topography and geology	D		D		
	Soil erosion	D		D		
	Groundwater	D		D		
	Hydrological situation	B	Hydrological survey Drainage design	D		
	Coastal zone	D		D		
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	
Public Nuisance	Landscape	B	Harmonious design	D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

21) MALALOG-MALITA-KALIPAGAN ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type
Davao Del Sur	MI 27-5	38.24	Coastal(stEEP)	New Road
Check Item	During Construction		Operation	
	Assessment	Mitigating Measures	Assessment	Mitigating Measures
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	B	Public hearing Participation program	D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
	Hazard	B	Slope protection	B
Natural Environment	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	B
	Groundwater	D		D
	Hydrological situation	D		D
	Coastal zone	C	Proper design	D
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B
	Landscape	B	Harmonious design Road side plantation	D
Public Nuisance	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

22) LILOY-SIOCON-ZAMBOANGA ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type
Zamboanga Del Norte	MI 41		Coastal (Steep)	New Road
Check Item	During Construction		Operation	
	Assessment	Mitigating Measures	Assessment	Mitigating Measures
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	A	Public hearing Participation program	C
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
	Hazard	B	Proper alignment Slope protection	B
Natural Environment	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	B
	Groundwater	D		C
	Hydrological situation	D		D
	Coastal zone	B	Proper design	D
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B
	Landscape	B	Harmonious design	D
Public Nuisance	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

23) SURIGAO WEST COAST ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Surigao Del Norte	MI 43-2	5.67	Coastal(stEEP)	New Road	
Agusan Del Norte	MI 43-3	1.63	Coastal(stEEP)	New Road	
Agusan Del Norte	MI 43-5	14.96	Coastal(stEEP)	New Road	
Check Item		During Construction		Operation	
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	Remarks
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	B	Proper design	D	
	Flora and fauna	C	Ecological survey	C	
Public Nuisance	Landscape	B	Harmonious design	D	
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	Expected level is low
	Noise and vibration	B	Machinery control	D	

24) CABADBARAN-MADRID ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Agusan Del Norte	MI 44-2	46.80	Mountainous	New Road	
Surigao Del Sur	MI 44-3	34.19	Mountainous	New Road	
Check Item		During Construction		Operation	
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	Remarks
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	B	Public hearing Participation program	D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance
	Topography and geology	B	Proper design and works	D	
	Soil erosion	A	Proper design and construction plan Drainage works	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	A	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	Within Protected Area
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	Expected level is low

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

25) BUTUAN-TANDAG ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Agusan Del Sur	MI 45-3	37.26	Mountainous	New Road	
Check Item		During Construction		Operation	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	B	Public hearing Participation program	D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
	Hazard	B	Proper alignment Slope protection	B	Road maintenance
Natural Environment	Topography and geology	B	Proper design and works	D	
	Soil erosion	B	Proper design and construction plan	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

26) STA.JOSEFA-TAGUM ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Davao Del Norte	MI 47-2	23.02	Flat	New Road	
Check Item		During Construction		Operation	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	B	Public hearing Participation program	D	
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
	Hazard	D		D	
Natural Environment	Topography and geology	D		D	
	Soil erosion	D		D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

27) TAGUM-BUKIDNON ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type
Davao Del Norte	MI 48-2	66.01	Mountainous	New Road
Check Item		During Construction		Remarks
	Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	B	Public hearing Participation program	D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Proper alignment Slope protection	B Road maintenance
	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	B Road maintenance
	Groundwater	D		D
	Hydrological situation	D		D
	Coastal zone	D		D
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D
	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

28) PENINSULA COASTAL ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type
Davao Oriental	MI 49-2	150.91	Coastal(stEEP)	New Road
Check Item		During Construction		Remarks
	Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	D		D
	Cultural property	C	Property survey	D
	Public health condition	C	Medication	D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Slope protection	B Road maintenance
	Topography and geology	B	Proper design and works	D
	Soil erosion	B	Proper design and construction plan	B Road maintenance
	Groundwater	D		C
	Hydrological situation	D		D
	Coastal zone	B	Proper design	D
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B Restoration of vegetation Monitoring program
Public Nuisance	Landscape	A	Harmonious design Road side plantation	D
	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

29) MANOLO FORTICH-MISOR ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Bukidnon	MI 50-1	19.04	Rolling	New Road		
Misamis Oriental	MI 50-2	5.76	Rolling	New Road		
Check Item		During Construction		Operation		
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	Remarks
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	B	Public hearing Participation program	D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Slope protection	B	Road maintenance	
	Topography and geology	D		D		
	Soil erosion	B	Proper design and construction plan	B	Road maintenance	
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	D		D		
	Flora and fauna	D		D		
Public Nuisance	Landscape	D		D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

30) BACUNGAN-BAYOG-IMELDA ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type		
Zamboanga Del Sur	MI 60		Rolling	New Road		
Check Item		During Construction		Operation	Remarks	
		Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	B	Public hearing Participation program	D		
	Cultural property	C	Property survey	D		
	Public health condition	C	Medication	D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance	
	Topography and geology	B	Proper design and works	D		
	Soil erosion	B	Proper design and construction plan	B	Road maintenance	
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	D		D		
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program	
Public Nuisance	Landscape	B	Road side plantation	D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

31) SIOCON-TUGAWAN ROAD

Province	No. of Road Section	App. Length (km)	Terrain	Project Type	
Zamboanga Del Sur	MI 62		Mountainous	New Road	
Zamboanga Del Norte	MI 62		Mountainous	New Road	
Check Item	During Construction		Operation		Remarks
	Assessment	Mitigating Measures	Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	A	Public hearing Participation program	C	Educational program Within Ancestral Domain area
	Cultural property	C	Property survey	D	
	Public health condition	C	Medication	D	
	Waste	B	Proper disposal plan	D	
	Hazard	B	Proper alignment Slope protection	B	Road maintenance
Natural Environment	Topography and geology	B	Proper design and works	D	
	Soil erosion	A	Proper design and construction plan Drainage works	B	Road maintenance
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Ecological survey Proper alignment Protection plan	B	Restoration of vegetation Monitoring program
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment:      A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

## Group 2

### 1) Panay (1)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type
ILOILO-ROXAS ROAD ILOILO-CABATUAN-LUMBUNAO ROAD	PA 1 PA 6	109.2 19.2	Flat Flat	Widening Widening
Check Item		During Construction		Remarks
		Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	D		D
	Cultural property	D		D
	Public health condition	D		D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Slope protection	D
	Topography and geology	D		D
	Soil erosion	D		D
	Groundwater	D		D
	Hydrological situation	D		D
	Coastal zone	D		D
	Flora and fauna	D		D
Public Nuisance	Landscape	D		D
	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

### 2) Panay (2)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type
ILOILO-ANTIQUE ROAD	PA 8	34.5	Flat/Coastal	Widening
Check Item		During Construction		Remarks
		Assessment	Mitigating Measures	
Social Environment	Resettlement	B	Relocation scheme	D
	Economic Activity	B	Compensation	P
	Traffic and public facilities	C	Warning signs	P
	Split of communities	D		D
	Cultural property	D		D
	Public health condition	D		D
	Waste	B	Proper disposal plan	D
Natural Environment	Hazard	B	Proper alignment Slope protection	D
	Topography and geology	D		D
	Soil erosion	D		D
	Groundwater	D		D
	Hydrological situation	D		D
	Coastal zone	C	Proper construction plan	D
	Flora and fauna	D		D
Public Nuisance	Landscape	B	Road side plantation	D
	Air pollution	B	Water spray	D
	Water pollution	B	Pollution control	D
	Noise and vibration	B	Machinery control	D

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

3) Negros

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
BACOLOD-SAN CARLOS COASTAL ROAD	NE 1	87.9	Flat/Coastal	Widening	
BACOLOD-KABANKALAN ROAD	NE 2	85.5	Flat/Coastal	Widening	
BAIS-DUMAGUETE ROAD	NE 4	43.4	Flat/Coastal	Widening	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	D		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	D		D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	C	Proper construction plan	D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

4) Cebu (1)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
CEBU NORTH ROAD	CE 1	16.3	Flat/Coastal	Widening	
CEBU SOUTH ROAD	CE 2	30.3	Flat/Coastal	Widening	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	D		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	B	Proper construction plan	D	Coral reef zone
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	C	Proper construction plan	D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	B	Harmonious design Road side plantation	D	Tourist resort
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

5) Cebu (2)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type		
NAGA-TOLEDO ROAD	CB 3	32.5	Mountainous	Widening		
Check Item		During Construction		Operation		
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	D		D		
	Public health condition	D		D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Proper alignment Slope protection	B	Road maintenance	
	Topography and geology	D		D		
	Soil erosion	B	Proper construction plan	D		
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	D		D		
	Flora and fauna	D		D		
Public Nuisance	Landscape	B	Road side plantation	D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

6) Leyte

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
PAN-PHILIPPINE HIGHWAY TACLOBAN-ORMOC-ISABEL ROAD NORTH-EAST LEYTE INLAND ROAD	LE 1 LE 2 LE 10	41.9 42.1 12.0	Flat/Coastal Flat/Rolling Flat/Rolling	Widening Widening Widening	
Check Item		During Construction		Operation	Remarks
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	D		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	D		D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	C	Proper design	D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

7) Mindanao (1)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
PAN-PHILIPPINE HIGHWAY DAVAO-BUKIDNON ROAD	MI 1 MI 4	235.2 18.6	Flat/Rolling Flat/Rolling	Widening Widening	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	D		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	D		D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	D		D	
	Air pollution	B	Water spray	D	Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

8) Mindanao (2)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
DAVAO-DIGOS-GEN.SANTOS ROAD COTABATO-PAGADIAN-ZAMBOANGA ROAD TAGUM-MATI ROAD GEN.SANTOS-KIAMBA ROAD	MI 2 MI 6 MI 16 MI 29	136.7 92.9 12 19.6	Flat/Coastal /Rolling Flat/Coastal /Rolling Flat/Coastal Flat/Coastal	Widening Widening Widening Widening	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	B	Relocation scheme	D	
	Economic Activity	B	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	B	Public hearing	D	Ethnic group area
	Cultural property	D		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	B	Proper construction plan	D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	C	Proper design	D	
	Flora and fauna	B	Protection plan	D	
Public Nuisance	Landscape	B	Harmonious design Road side plantation	D	Within protected landscape area (MI 29)
	Air pollution	B	Water spray	D	
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	D	

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

9) Mindanao (3)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type		
SAYRE HIGHWAY GEN.SANTOS-COTABATO ROAD	MI 3 MI 5	130.8 52.5	Flat/Rolling Flat/Rolling	Widening Widening		
Check Item		During Construction		Operation		
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	D		D		
	Public health condition	D		D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Proper alignment Slope protection	D		
	Topography and geology	D	Proper construction plan	D		
	Soil erosion	B		D		
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	D		D		
	Flora and fauna	D		D		
Public Nuisance	Landscape	D		D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

10) Mindanao (4)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type		
BUTUAN CAGAYAN ILIGAN TUBOD ROAD DAPTAN-OROQUIETA-TANGUB ROAD	MI 7 MI 8	215.7 61.0	Flat/Coastal Rolling Flat/Coastal Rolling	Widening Widening		
Check Item		During Construction		Operation		Remarks
Social Environment	Resettlement	B	Relocation scheme	D		
	Economic Activity	B	Compensation	P		
	Traffic and public facilities	C	Warning signs	P		
	Split of communities	D		D		
	Cultural property	D		D		
	Public health condition	D		D		
	Waste	B	Proper disposal plan	D		
Natural Environment	Hazard	B	Proper alignment Slope protection	D		
	Topography and geology	D		D		
	Soil erosion	B	Proper construction plan	D		
	Groundwater	D		D		
	Hydrological situation	D		D		
	Coastal zone	C	Proper design	D		
	Flora and fauna	B	Protection plan	D		Within Initao National Park (MI 7)
Public Nuisance	Landscape	D		D		
	Air pollution	B	Water spray	D		Expected level is low
	Water pollution	B	Pollution control	D		
	Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

11) Mindanao (5)

Road Name	No. of Road Section	App. Length (km)		Terrain	Project Type
COTABATO-DIGOS ROAD	MI 1	160.7		Flat/Rolling	Widening
TAGUM-KAPALONG PANABO ROAD	MI 25	15.6		Flat	Widening
Check Item		During Construction		Operation	
		Assessment	Mitigating Measures	Assessment	Mitigating Measures
Social Environment					Remarks
Resettlement	B	Relocation scheme	D		
Economic Activity	B	Compensation	P		
Traffic and public facilities	C	Warning signs	P		
Split of communities	D		D		
Cultural property	D		D		
Public health condition	D		D		
Waste	B	Proper disposal plan	D		
Hazard	B	Proper alignment Slope protection	D		
Natural Environment					
Topography and geology	D		D		
Soil erosion	D		D		
Groundwater	D		D		
Hydrological situation	D		D		
Coastal zone	D		D		
Flora and fauna	D		D		
Landscape	D		D		
Public Nuisance					Expected level is low
Air pollution	B	Water spray	D		
Water pollution	B	Pollution control	D		
Noise and vibration	B	Machinery control	D		

12) Mindanao (6)

Road Name	No. of Road Section	App. Length (km)		Terrain	Project Type
ILIGAN-MARAWI ROAD	MI 14	29.8		Flat/Rolling	Widening
Check Item		During Construction		Operation	
		Assessment	Mitigating Measures	Assessment	Mitigating Measures
Social Environment					Remarks
Resettlement	B	Relocation scheme	D		
Economic Activity	B	Compensation	P		
Traffic and public facilities	C	Warning signs	P		
Split of communities	C		D		Ethnic group area
Cultural property	D		D		
Public health condition	D		D		
Waste	B	Proper disposal plan	D		
Hazard	B	Proper alignment Slope protection	D		
Natural Environment					
Topography and geology	D		D		
Soil erosion	B	Proper construction plan	D		
Groundwater	D		D		
Hydrological situation	D		D		
Coastal zone	D		D		
Flora and fauna	B	Protection plan	D		Within protected area
Landscape	D		D		
Public Nuisance					Expected level is low
Air pollution	B	Water spray	D		
Water pollution	B	Pollution control	D		
Noise and vibration	B	Machinery control	D		

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

### Group 3

#### 1. Bypass, Expressway

##### 1) Expressway

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
CEBU EXPRESSWAY	CE 100	51.20	Flat/Rolling /Mountainous	New road	
DAVAO CITY EXPRESSWAY	MI 100	98.12	Flat/Rolling /Mountainous	New road	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	A	Relocation scheme	D	
	Economic Activity	A	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	B	Proper construction plan	D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	B	Protection plan	D	
Public Nuisance	Landscape	B	Harmonious design Road side plantation	D	
	Air pollution	B	Water spray	C	Monitoring program
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	C	Monitoring program
					Expected level is low

##### 2) Bypass (1)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
ILOILO CIRCUMFERENTIAL ROAD BUTUAN CITY BYPASS	PA 110-1	15.16	Flat	New road	
	MI 112-1	15.08	Flat	New road	
Check Item		During Construction		Operation	Remarks
		Assessment	Mitigating Measures	Assessment	
Social Environment	Resettlement	A	Relocation scheme	D	
	Economic Activity	A	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	D		D	
	Topography and geology	D		D	
	Soil erosion	D		D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	C	Monitoring program
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	C	Monitoring program
					Expected level is low

Assessment: A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

3) Bypass (2)

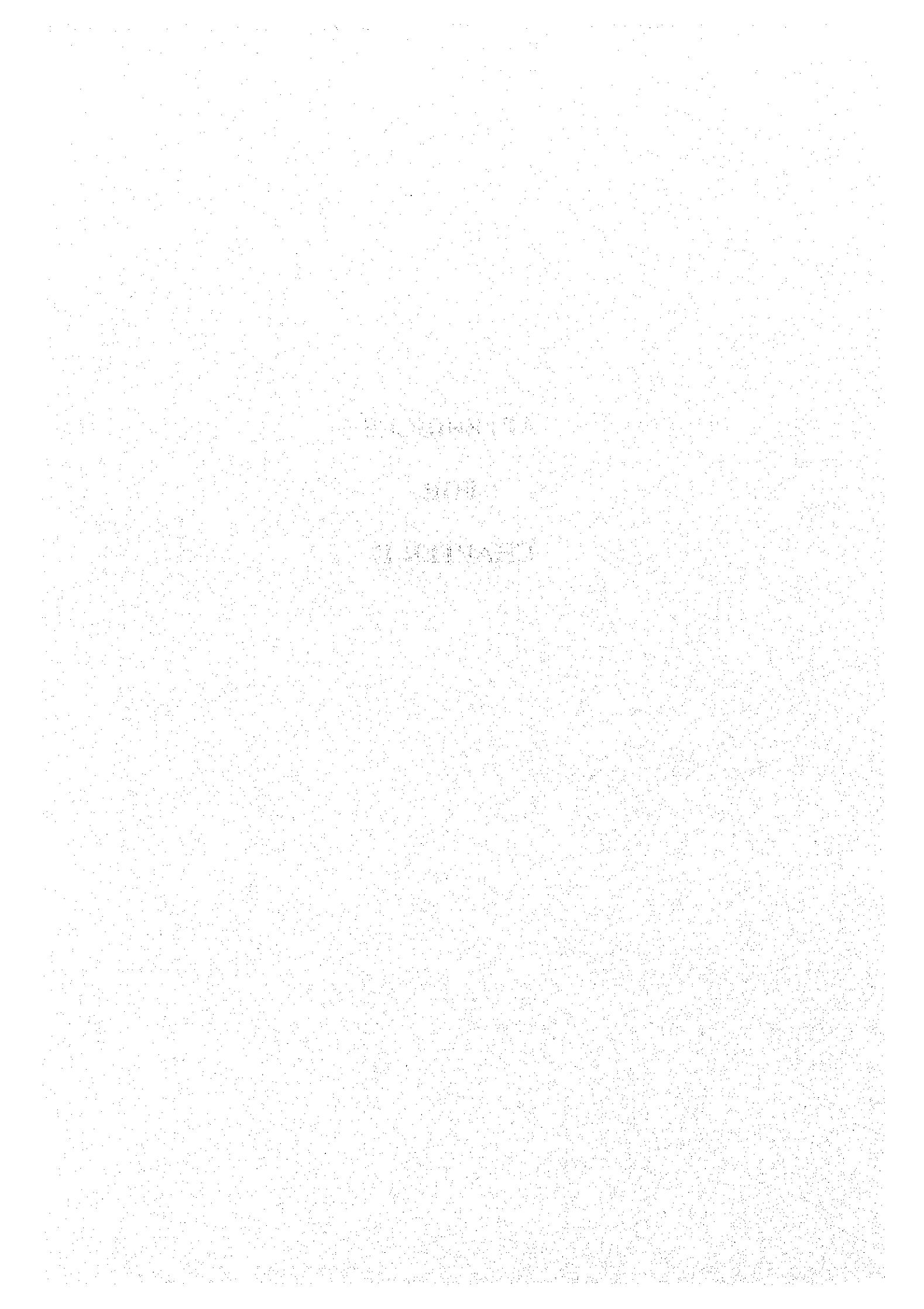
Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
BACOLOD CITY BYPASS	NE 110	72.02	Flat/Rolling	New road	
Check Item		During Construction	Operation		
Social Environment	Resettlement	A	Relocation scheme	D	
	Economic Activity	A	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	C	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	B	Proper construction plan	D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	D		D	
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	C	Monitoring program Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	C	

4) Bypass (3)

Road Name	No. of Road Section	App. Length (km)	Terrain	Project Type	
CAGAYAN DE ORO BYPASS	MI 110	49.48	Flat/Mountainous	New road	
ILIGAN BYPASS	MI 111-I	19.02	Rolling/Mountainous	New road	
MALAYBALAY BYPASS	MI 113-I	9.63	Rolling/Mountainous	New road	
VALENCIA BYPASS	MI 114-I	4.88	Flat/Mountainous	New road	
Check Item		During Construction	Operation		
Social Environment	Resettlement	A	Relocation scheme	D	
	Economic Activity	A	Compensation	P	
	Traffic and public facilities	C	Warning signs	P	
	Split of communities	D		D	
	Cultural property	C		D	
	Public health condition	D		D	
	Waste	B	Proper disposal plan	D	
Natural Environment	Hazard	B	Proper alignment Slope protection	D	
	Topography and geology	D		D	
	Soil erosion	B	Proper construction plan	D	
	Groundwater	D		D	
	Hydrological situation	D		D	
	Coastal zone	D		D	
	Flora and fauna	C	Ecological survey	D	
Public Nuisance	Landscape	B	Road side plantation	D	
	Air pollution	B	Water spray	C	Monitoring program Expected level is low
	Water pollution	B	Pollution control	D	
	Noise and vibration	B	Machinery control	C	

Assessment:      A : High Negative Impact      B : Low Negative Impact  
                   C : Unknown Impact      D : No Impact      P : Positive Impact

**APPENDICES  
FOR  
CHAPTER 17**



**APPENDIX 17.2 - 1**

**DI VALUE OF EACH ROAD SEGMENT**

Seg. No.	DI Value	Seg. No.	DI Value	Seg. No.	DI Value
MA 1-1	2043	RO 2-2	1279	PA 9-2	7522
MA 1-2	1686	RO 2-3	2616	PA 9-3	8161
MR 1-1	10644	RO 3-1	647	PA 9-4	2809
MR 1-2	7857	RO 3-2	130	PA 9-5	1694
MR 1-3	16346	RO 3-3	1877	PA 9-6	2705
MR 1-4	7306	CA 1-1	1634	PA 9-7	5008
MR 1-5	6758	CA 1-2	2554	PA 10-1	3922
MR 2-1	2917	CA 1-3	1162	PA 10-2	2211
MR 2-2	943	CA 1-4	1512	PA 11-1	728
MR 3-1	312	CA 1-5	1738	PA 11-2	3878
MR 3-2	1110	PA 1-1	18023	PA 11-3	421
MR 3-3	1110	PA 1-2	12844	PA 11-4	2178
MR 4-1	7114	PA 1-3	8754	PA 12-1	3685
MR 4-2	7794	PA 1-4	24054	PA 12-2	9330
MR 4-3	8317	PA 1-5	9979	PA 12-3	3572
MR 4-4	4692	PA 1-6	5966	PA 13-1	4059
MR 4-5	4573	PA 1-7	9743	PA 13-2	4228
MR 4-6	3599	PA 1-8	22853	PA 13-3	1944
MR 4-7	146	PA 1-9	503	PA 14-1	6768
MR 4-8	4060	PA 2-1	12648	PA 14-2	17780
MR 4-9	5678	PA 2-2	5632	PA 14-3	14069
MR 4-10	4732	PA 2-3	6157	PA 15-1	9521
MR 5-1	5298	PA 3-1	3094	PA 15-2	5230
MR 5-2	891	PA 3-2	18124	PA 16-1	963
MR 6-1	16622	PA 3-3	20937	PA 16-2	2677
MR 6-2	11220	PA 3-4	11161	PA 16-3	1257
MR 6-3	2909	PA 3-5	2604	PA 17-1	383
MR 7-1	862	PA 3-6	320	PA 17-2	3092
MR 8-1	1905	PA 3-7	960	PA 110-1	0
MR 8-2	3540	PA 3-8	960	GU 1-1	2205
PL 1-1	426	PA 3-9	3364	GU 1-2	1210
PL 1-2	10091	PA 4-1	1050	GU 1-3	2276
PL 1-3	10134	PA 4-2	1650	GU 1-4	2196
PL 1-4	10338	PA 4-3	0	GU 2-1	3821
PL 1-5	7870	PA 4-4	0	NE 1-1	0
PL 1-6	1116	PA 5-1	6718	NE 1-2	106
PL 2-1	6301	PA 5-2	1025	NE 1-3	0
PL 2-2	9361	PA 5-3	1905	NE 1-4	1931
PL 2-3	5373	PA 5-4	996	NE 2-1	0
PL 2-4	1824	PA 5-5	4135	NE 2-2	0
PL 3-1	4867	PA 6-1	6223	NE 2-3	0
PL 3-2	404	PA 6-2	6705	NE 2-4	1851
PL 3-3	930	PA 6-3	10122	NE 2-5	0
PL 4-1	2040	PA 7-1	15286	NE 3-1	0
PL 4-2	3330	PA 7-2	15780	NE 3-2	0
PL 4-3	2058	PA 7-3	4708	NE 3-3	1470
PL 5-1	1140	PA 7-4	7886	NE 4-1	5714
PL 5-2	4110	PA 8-1	9408	NE 4-2	804
PL 6-1	3204	PA 8-2	5131	NE 4-3	2676
PL 6-2	1890	PA 8-3	3860	NE 5-1	160
PL 7-1	7440	PA 8-4	6668	NE 5-2	4737
PL 8-1	1764	PA 8-5	6080	NE 5-3	11042
RO 1-1	3431	PA 8-6	2666	NE 6-1	5114
RO 2-1	2289	PA 9-1	5173	NE 6-2	4141

NE 6-3	4442	CE 9-2	4177	LE 6-1	434
NE 7-1	12599	CE 10-1	1550	LE 6-2	1012
NE 8-1	5402	CE 11-1	1054	LE 6-3	2667
NE 8-2	1677	CE 100-1	0	LE 7-1	7328
NE 8-3	6917	CE 100-2	0	LE 7-2	5256
NE 9-1	911	CE 100-3	0	LE 7-3	7852
NE 9-2	569	CE 101-1	0	LE 7-4	3516
NE 9-3	5512	CE 102-1	0	LE 8-1	0
NE 9-4	1329	CE 103-1	0	LE 8-2	508
NE 10-1	1446	CE 104-1	0	LE 8-3	158
NE 10-2	0	CE 105-1	0	LE 8-4	5518
NE 10-3	0	CE 106-1	0	LE 8-5	635
NE 10-4	598	CE 107-1	0	LE 8-6	320
NE 10-5	1453	BO 1-1	5681	LE 8-7	72
NE 11-1	4489	BO 1-2	3461	LE 8-8	0
NE 11-2	1708	BO 1-3	2812	LE 8-9	139
NE 11-3	5910	BO 1-4	3892	LE 8-10	190
NE 11-4	4663	BO 1-5	7632	LE 9-1	307
NE 12-1	1070	BO 2-1	5681	LE 9-2	0
NE 12-2	4890	BO 2-2	3267	LE 10-1	25707
NE 12-3	614	BO 2-3	9606	LE 10-2	3653
NE 13-1	1845	BO 2-4	4791	LE 10-3	7652
NE 14-1	0	BO 3-1	2829	LE 11-1	1447
NE 15-1	115	BO 3-2	5094	LE 12-1	1214
NE 16-1	5686	BO 3-3	1497	LE 12-2	198
NE 17-1	616	BO 3-4	4874	LE 12-3	780
NE 110-1	0	BO 4-1	8153	LE 12-4	194
NE 110-2	0	BO 5-1	3199	LE 13-1	3121
CE 1-1	25262	BO 6-1	2630	LE 13-2	2108
CE 1-2	12823	BO 7-1	491	LE 13-3	4686
CE 1-3	1615	BO 8-1	1295	MS 1-1	564
CE 1-4	5854	SI 1-1	267	MS 1-2	15
CE 1-5	588	SI 1-2	433	MS 2-1	1200
CE 1-6	4300	SI 1-3	440	MS 2-2	0
CE 1-7	0	LE 1-1	0	MS 3-1	3026
CE 1-8	0	LE 1-2	4166	MS 3-2	2209
CE 2-1	20442	LE 1-3	0	MS 4-1	2465
CE 2-2	18162	LE 1-4	1983	MS 4-2	2331
CE 2-3	26249	LE 1-5	45	MS 4-3	4253
CE 2-4	7583	LE 1-6	0	MS 5-1	4573
CE 2-5	1272	LE 1-7	2590	MS 5-2	4295
CE 2-6	131	LE 1-8	3278	MS 6-1	1248
CE 3-1	7767	LE 1-9	447	MS 7-1	8970
CE 3-2	2695	LE 1-10	311	MS 7-2	8970
CE 4-1	9669	LE 1-11	1138	MS 7-3	8970
CE 5-1	9604	LE 1-12	616	SA 1-1	1901
CE 6-1	193	LE 2-1	2321	SA 1-2	6768
CE 6-2	5399	LE 2-2	2524	SA 1-3	4915
CE 7-1	5130	LE 2-3	4195	SA 1-4	5637
CE 8-1	2254	LE 2-4	1678	SA 1-5	6713
CE 8-2	4496	LE 2-5	416	SA 1-6	8981
CE 8-3	0	LE 3-1	7191	SA 1-7	7967
CE 8-4	4819	LE 4-1	2394	SA 1-8	686
CE 9-1	3667	LE 5-1	570	SA 2-1	655

SA 2-2	1015	MI 2-3	1208	MI 7-9	8810
SA 2-3	898	MI 2-4	0	MI 7-10	8915
SA 2-4	6755	MI 2-5	0	MI 7-11	0
SA 3-1	7704	MI 2-6	0	MI 7-12	0
SA 3-2	3536	MI 2-7	0	MI 7-13	261
SA 4-1	707	MI 2-8	0	MI 7-14	0
SA 4-2	61	MI 3-1	0	MI 7-15	168
SA 4-3	587	MI 3-2	8278	MI 7-16	4430
SA 5-1	6823	MI 3-3	4365	MI 7-17	1209
SA 5-2	7770	MI 3-4	4915	MI 7-18	4515
SA 5-3	4884	MI 3-5	5899	MI 8-1	18
SA 6-1	5178	MI 3-6	11094	MI 8-2	0
SA 6-2	2190	MI 4-1	0	MI 8-3	71
SA 6-3	2190	MI 4-2	0	MI 8-4	881
SA 6-4	3595	MI 4-3	10213	MI 8-5	44400
SA 6-5	7846	MI 5-1	0	MI 8-6	3625
SA 6-6	7796	MI 5-2	1610	MI 8-7	9361
SA 6-7	902	MI 5-3	0	MI 9-1	0
SA 6-8	807	MI 5-4	0	MI 9-2	0
SA 7-1	751	MI 5-5	0	MI 9-3	0
SA 8-1	5352	MI 5-6	2325	MI 9-4	1517
SA 8-2	1950	MI 5-7	6094	MI 9-5	0
SA 8-3	1950	MI 5-8	4286	MI 9-6	0
SA 8-4	1205	MI 5-9	4077	MI 9-7	0
SA 9-1	5735	MI 5-10	14031	MI 9-8	943
SA 9-2	8250	MI 5-11	15863	MI 10-1	16378
SA 9-3	8250	MI 6-1	13007	MI 10-2	4676
SA 9-4	2359	MI 6-2	6276	MI 10-3	33
CM 1-1	3939	MI 6-3	613	MI 10-4	0
CM 1-2	3721	MI 6-4	463	MI 10-5	12862
MI 1-1	3083	MI 6-5	2902	MI 10-6	15414
MI 1-2	827	MI 6-6	2584	MI 10-7	6174
MI 1-3	3221	MI 6-7	34930	MI 10-8	7761
MI 1-4	987	MI 6-8	4771	MI 11-1	11310
MI 1-5	6011	MI 6-9	4050	MI 11-2	7560
MI 1-6	9436	MI 6-10	3299	MI 11-3	4100
MI 1-7	5830	MI 6-11	13632	MI 12-1	1056
MI 1-8	21826	MI 6-12	11489	MI 12-2	4242
MI 1-9	20736	MI 6-13	16012	MI 12-3	5648
MI 1-10	29007	MI 6-14	12738	MI 12-4	3155
MI 1-11	10591	MI 6-15	9130	MI 12-5	3278
MI 1-12	16111	MI 6-16	13261	MI 12-6	2960
MI 1-13	15663	MI 6-17	10184	MI 13-1	5824
MI 1-14	14099	MI 6-18	13084	MI 13-2	5863
MI 1-15	24391	MI 6-19	6006	MI 13-3	1908
MI 1-16	13310	MI 6-20	943	MI 13-4	13538
MI 1-17	0	MI 7-1	24655	MI 14-1	2222
MI 1-18	16723	MI 7-2	5554	MI 14-2	0
MI 1-19	0	MI 7-3	0	MI 14-3	3653
MI 1-20	0	MI 7-4	0	MI 14-4	2431
MI 1-21	0	MI 7-5	0	MI 14-5	1394
MI 1-22	0	MI 7-6	0	MI 15-1	1323
MI 2-1	845	MI 7-7	1190	MI 15-2	4440
MI 2-2	129	MI 7-8	5909	MI 15-3	1880

MI 15-4	5640	MI 27-4	30736	MI 43-1	2940
MI 15-5	3401	MI 27-5	3120	MI 43-2	4590
MI 15-6	3671	MI 28-1	0	MI 43-3	1104
MI 15-7	953	MI 28-2	0	MI 43-4	3840
MI 15-8	540	MI 28-3	1365	MI 43-5	2301
MI 15-9	2352	MI 28-4	1534	MI 44-1	308
MI 15-10	3429	MI 29-1	0	MI 44-2	570
MI 15-11	3102	MI 29-2	0	MI 44-3	570
MI 15-12	13295	MI 29-3	0	MI 44-4	418
MI 15-13	16314	MI 29-4	134	MI 45-1	3885
MI 16-1	0	MI 29-5	1449	MI 45-2	2500
MI 16-2	1691	MI 29-6	1440	MI 45-3	7500
MI 16-3	2227	MI 29-7	3392	MI 46-1	1220
MI 16-4	7127	MI 30-1	3543	MI 46-2	3720
MI 17-1	4394	MI 30-2	3812	MI 47-1	200
MI 17-2	10568	MI 30-3	2856	MI 47-2	750
MI 18-1	0	MI 30-4	3757	MI 47-3	8638
MI 18-2	6185	MI 31-1	0	MI 48-1	1701
MI 18-3	6609	MI 31-2	7307	MI 48-2	4290
MI 18-4	6035	MI 31-3	8400	MI 48-3	4677
MI 18-5	9941	MI 31-4	16965	MI 49-1	8522
MI 18-6	14428	MI 31-5	13226	MI 49-2	2760
MI 18-7	15309	MI 31-6	22729	MI 49-3	2760
MI 18-8	4454	MI 32-1	19473	MI 50-1	420
MI 18-9	2982	MI 32-2	16009	MI 50-2	420
MI 18-10	3790	MI 33-1	276	MI 51-1	26803
MI 18-11	3298	MI 33-2	3336	MI 51-2	17212
MI 18-12	2826	MI 33-3	7300	MI 51-3	19440
MI 19-1	2038	MI 33-4	5766	MI 52-1	5876
MI 19-2	1768	MI 33-5	6583	MI 52-2	5176
MI 19-3	2748	MI 33-6	5534	MI 53-1	534
MI 19-4	3030	MI 34-1	1813	MI 53-2	458
MI 19-5	326	MI 34-2	2050	MI 54-1	5756
MI 19-6	4614	MI 35-1	0	MI 54-2	6300
MI 20-1	4775	MI 35-2	2975	MI 55-1	3224
MI 20-2	6024	MI 35-3	9495	MI 55-2	7401
MI 21-1	1204	MI 36-1	3217	MI 55-3	12416
MI 22-1	3761	MI 36-2	12290	MI 56-1	7480
MI 22-2	9845	MI 36-3	12217	MI 56-2	3740
MI 23-1	483	MI 37-1	0	MI 56-3	5225
MI 23-2	2920	MI 37-2	0	MI 56-4	4098
MI 23-3	2920	MI 38-1	91	MI 57-1	0
MI 24-1	3199	MI 38-2	1740	MI 57-2	0
MI 24-2	10303	MI 39-1	5373	MI 58-1	14009
MI 24-3	6467	MI 39-2	4049	MI 58-2	31462
MI 24-4	5573	MI 39-3	4434	MI 59-1	5397
MI 25-1	17194	MI 40-1	4757	MI 60-1	8036
MI 25-2	11528	MI 40-2	4664	MI 60-2	8790
MI 25-3	898	MI 41-1	4655	MI 60-3	4072
MI 26-1	8166	MI 41-2	3294	MI 61-1	2366
MI 26-2	48847	MI 41-3	1112	MI 62-1	2461
MI 27-1	9595	MI 41-4	3281	MI 62-2	3180
MI 27-2	9104	MI 42-1	2920		
MI 27-3	8716	MI 42-2	7810		

## **APPENDICES 17.2 - 2**

### **ECONOMIC EVALUATION RESULT**

**(CASE 1)**

HA 1-1	347,542	142,730	39,071	318,150	22,761	522,712	21,680	709,108	238,269	73,939	463,611	34,934	810,753	17,022
HA 1-2	361,566	95,539	34,068	145,461	12,173	286,042	11,878	709,108	238,269	73,939	463,611	34,934	810,753	17,022
HR 1-1	37,592	126,707	12,722	66,270	-	205,699	58,495	1504,582	2270,499	319,630	779,711	464,042	3833,881	33,078
HR 1-2	146,724	318,339	35,564	101,746	79,253	534,902	43,618	1504,582	2270,499	319,630	779,711	464,042	3833,881	33,078
HR 1-3	165,852	589,607	67,392	157,912	33,231	848,142	56,213	1504,582	2270,499	319,630	779,711	464,042	3833,881	33,078
HR 1-4	596,532	827,842	114,320	392,048	278,268	1612,477	34,615	1504,582	2270,499	319,630	779,711	464,042	3833,881	33,078
HR 1-5	557,882	408,005	89,632	61,735	73,289	632,661	16,871	1504,582	2270,499	319,630	779,711	464,042	3833,881	33,078
HR 2-1	564,177	164,954	100,479	272,546	6,858	544,836	15,017	561,459	170,129	101,552	280,085	6,858	558,623	14,928
HR 2-2	17,281	5,175	1,073	7,539	-	13,787	11,953	561,459	170,129	101,552	280,085	6,858	558,623	14,928
HR 3-1	187,988	12,361	29,341	-	.503	42,205	-1,085	1602,952	112,584	406,060	75,585	.503	594,732	3,359
HR 3-2	119,743	8,344	38,126	7,701	-	54,169	5,321	1602,952	112,584	406,060	75,585	.503	594,732	3,359
HR 3-3	1295,221	91,880	338,594	67,884	-	498,358	3,710	1602,952	112,584	406,060	75,585	.503	594,732	3,359
HR 4-1	242,943	134,272	23,664	133,897	108,355	400,188	23,289	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-2	254,224	199,678	37,583	58,596	32,264	328,120	18,960	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-3	720,124	337,816	113,349	143,551	48,228	642,944	13,410	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-4	161,827	103,399	25,349	5,260	1,145	135,152	12,483	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-5	610,178	223,225	55,973	8,616	100,803	388,617	9,115	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-6	258,145	132,375	30,150	134,084	42,985	339,594	19,307	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-7	3,627	.689	.166	.102	1,063	1,999	7,497	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
HR 4-8	140,897	84,438	19,969	9,089	16,274	129,771	13,824	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
MR 4-9	130,708	36,077	8,569	3,210	56,265	104,121	11,867	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
MR 4-10	305,098	95,197	22,529	7,943	109,764	235,433	11,457	2827,769	1347,167	337,280	504,346	517,146	2705,939	14,369
MR 5-1	428,780	307,427	57,044	229,845	50,810	645,175	21,518	813,937	343,653	104,357	398,146	53,157	899,314	16,453
MR 5-2	385,157	36,226	47,313	168,282	2,317	254,138	9,687	813,937	343,653	104,357	398,146	53,157	899,314	16,453
MR 6-1	475,805	344,119	124,912	180,931	392,120	1042,083	29,400	1213,808	496,835	396,860	259,825	395,848	1549,367	18,767
MR 6-2	669,831	106,495	262,388	26,674	-	395,558	8,298	1213,808	496,835	396,860	259,825	395,848	1549,367	18,767
MR 6-3	66,172	46,220	9,559	52,220	3,728	111,727	23,128	1213,808	496,835	396,860	259,825	395,848	1549,367	18,767
MR 7-1	573,968	28,872	77,634	18,182	2,815	127,504	-.895	573,968	28,872	77,634	18,182	2,815	127,504	-.895
MR 8-1	607,340	125,638	71,010	7,673	18,151	222,471	3,340	1959,952	891,067	425,127	7,673	18,151	1342,018	9,967
MR 8-2	1352,612	765,430	354,117	-	-	1119,547	12,367	1959,952	891,067	425,127	7,673	18,151	1342,018	9,967
PL 1-1	15,589	6,127	1,783	.445	-	8,354	7,536	3475,894	2985,213	767,177	312,844	218,624	4283,858	18,108
PL 1-2	346,968	635,835	86,069	20,818	16,132	558,854	22,661	3475,894	2985,213	767,177	312,844	218,624	4283,858	18,108
PL 1-3	1102,237	1321,669	254,977	58,535	113,387	1748,569	22,391	3475,894	2985,213	767,177	312,844	218,624	4283,858	18,108
PL 1-4	114,575	179,182	34,576	10,978	10,362	235,098	27,548	3475,894	2985,213	767,177	312,844	218,624	4283,858	18,108
PL 1-5	993,219	830,527	179,338	144,845	66,420	1221,130	18,068	3475,894	2985,213	767,177	312,844	218,624	4283,858	18,108
PL 1-6	903,326	211,873	210,434	77,224	12,323	311,853	8,012	3475,894	2985,213	767,177	312,844	218,624	4283,858	18,108
PL 2-1	13,932	30,161	3,646	3,818	-	37,625	33,282	1048,119	1550,472	211,572	458,304	358,800	2579,147	31,484
PL 2-2	371,289	911,661	111,338	147,081	151,371	1321,451	41,480	1048,119	1550,472	211,572	458,304	358,800	2579,147	31,484
PL 2-3	369,539	450,707	65,264	240,224	137,691	893,887	31,094	1048,119	1550,472	211,572	458,304	358,800	2579,147	31,484
PL 2-4	293,360	157,943	31,323	67,181	69,737	326,185	16,550	1048,119	1550,472	211,572	458,304	358,800	2579,147	31,484
PL 3-1	310,121	145,151	35,752	54,288	36,183	271,375	13,167	1699,751	290,444	290,549	54,288	39,181	674,462	4,198
PL 3-2	479,651	20,821	38,602	-	2,998	62,421	-5,003	1699,751	290,444	290,549	54,288	39,181	674,462	4,198
PL 3-3	909,980	124,471	216,195	-	-	340,667	3,538	1699,751	290,444	290,549	54,288	39,181	674,462	4,198
PL 4-1	507,853	105,153	63,620	-	6,047	174,820	2,982	2478,723	763,251	436,557	-	9,787	1209,595	6,356
PL 4-2	1659,902	559,775	313,456	-	-	873,231	7,145	2478,723	763,251	436,557	-	9,787	1209,595	6,356
PL 4-3	310,968	98,323	59,481	-	3,740	161,544	6,993	2478,723	763,251	436,557	-	9,787	1209,595	6,356
PL 5-1	462,229	21,676	58,067	.010	3,412	85,164	-2,585	2569,210	124,365	687,881	16,508	3,412	832,165	2,212
PL 5-2	2106,980	102,689	629,814	16,498	-	749,001	3,061	2569,210	124,365	687,881	16,508	3,412	832,165	2,212
PL 6-1	777,319	218,988	87,203	31,998	34,871	373,080	6,163	1498,880	276,878	248,645	57,649	34,871	618,043	4,613
PL 6-2	721,561	57,890	161,442	25,651	-	244,983	2,705	1498,880	276,878	248,645	57,649	34,871	618,043	4,613
PL 7-1	194,769	140,229	28,117	80,964	-	249,310	18,761	194,769	140,229	28,117	80,964	-	249,310	18,741
PL 8-1	264,180	20,663	59,416	.804	-	80,883	1,777	264,180	20,663	59,416	.804	-	80,883	1,777
RD 1-1	286,925	118,816	42,603	167,904	12,066	341,389	17,704	286,925	118,816	42,603	167,904	12,066	341,389	17,704
RD 2-1	522,778	94,846	42,076	181,449	36,488	354,858	9,801	1355,314	237,409	105,538	533,649	74,270	950,865	10,201
RD 2-2	562,882	63,434	36,784	156,968	18,621	275,807	6,125	1355,314	237,409	105,538	533,649	74,270	950,865	10,201
RD 2-3	269,653	79,129	26,677	195,233	19,161	320,200	17,691	1355,314	237,409	105,538	533,649	74,270	950,865	10,201
RD 3-1	732,826	38,531	62,675	44,607	4,403	150,216	-1,547	1339,388	85,536	124,881	128,408	18,052	356,878	.526
RD 3-2	279,938	4,939	34,562	75,687	1,228	116,416	4,517	1339,388	85,536	124,881	128,408	18,052	356,878	.526
RD 3-3	326,624	42,066	27,643	8,114	12,421	90,245	.818	1339,388	85,536	124,881	128,408	18,052	356,878	.526
CA 1-1	63,115	25,652	5,591	200,973	11,394	243,611	47,356	2332,295	485,725	233,687	661,928	58,964	1440,305	8,537
CA 1-2	552,515	173,243	57,123	158,521	18,927	387,814	10,207	2362,295	485,725	233,687	661,928	58,964	1440,305	8,537
CA 1-3	1075,152	117,792	101,243	153,839	12,391	385,265	3,061	2362,295	485,725	233,687	661,928	58,964	1440,305	8,537
CA 1-4	616,077	134,842												

PA 1-5	54,083	266,981	33,766	148,065	-	466,813	58,941	635,684	4007,285	474,911	1543,149	774,008	6799,353	89,640	
PA 1-6	198,356	91,393	11,665	44,678	-	31,076	52,216	1536,917	3507,849	474,911	1543,149	774,008	3507,849	27,434	
PA 1-7	35,952	16,041	-	-	-	16,031	2,077	1536,917	3507,849	474,911	1543,149	774,008	6799,353	89,640	
PA 1-8	97,566	16,041	-	-	-	16,031	2,077	1536,917	3507,849	474,911	1543,149	774,008	3507,849	27,434	
PA 1-9	41,281	191,904	21,916	80,981	-	294,802	70,237	635,684	4007,285	474,911	1543,149	774,008	6799,353	89,640	
PA 1-10	132,132	44,317	-	-	-	44,317	3,824	1536,917	3507,849	474,911	1543,149	774,008	3507,849	27,434	
PA 1-11	154,508	1351,133	144,885	455,886	171,071	2122,975	103,171	635,684	4007,285	474,911	1543,149	774,008	6799,353	89,640	
PA 1-12	378,858	308,056	-	-	-	308,056	12,864	1536,917	3507,849	474,911	1543,149	774,008	3507,849	27,434	
PA 1-13	10,619	13,281	1,439	4,280	50,099	69,698	66,901	635,684	4007,285	474,911	1543,149	774,008	3507,849	27,434	
PA 1-14	145,978	399,156	-	-	-	399,156	26,142	1536,917	3507,849	474,911	1543,149	774,008	3507,849	27,434	
PA 2-1	252,373	859,947	112,762	353,741	-	1326,450	57,230	440,140	1137,335	158,078	560,083	20,623	1876,118	49,680	
PA 2-2	54,460	67,481	10,988	42,165	5,867	126,502	31,158	440,140	1137,335	158,078	560,083	20,623	1876,118	49,680	
PA 2-3	133,307	209,907	34,327	164,177	14,756	423,167	39,781	440,140	1137,335	158,078	560,083	20,623	1876,118	49,680	
PA 3-1	75,243	49,819	13,698	58,278	6,395	128,190	24,209	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-2	211,169	414,531	92,278	202,098	30,438	739,344	43,051	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-3	260,436	380,912	105,748	155,975	24,079	666,715	34,029	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-4	90,953	177,728	30,745	274,703	2,788	485,964	60,419	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-5	77,638	64,505	8,087	72,493	82,740	227,824	37,843	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-6	129,090	2,906	19,250	-	-	22,156	-3,082	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-7	620,914	13,643	135,861	44,676	-	196,180	1,805	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-8	975,091	21,433	235,672	73,637	-	330,743	2,506	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 3-9	347,175	56,459	22,391	24,565	60,134	163,548	5,933	2787,709	1181,938	663,730	906,424	206,574	2958,665	15,896	
PA 4-1	72,625	37,428	4,972	149,365	96,159	287,926	47,022	189,792	142,211	18,901	232,198	112,470	505,780	34,677	
PA 4-2	117,168	104,783	13,928	82,833	16,311	217,855	26,011	189,792	142,211	18,901	232,198	112,470	505,780	34,677	
PA 4-3	-	-	-	-	-	-	-	189,792	142,211	18,901	232,198	112,470	505,780	34,677	
PA 4-4	-	-	-	-	-	-	-	189,792	142,211	18,901	232,198	112,470	505,780	34,677	
PA 5-1	94,678	1111,844	30,014	77,240	-	1219,098	108,428	602,257	1518,023	91,355	523,596	81,287	2214,261	45,846	
PA 5-2	38,916	14,560	2,647	51,062	-	68,269	25,199	602,257	1518,023	91,355	523,596	81,287	2214,261	45,846	
PA 5-3	132,515	106,462	14,009	135,977	42,096	298,543	30,587	602,257	1518,023	91,355	523,596	81,287	2214,261	45,846	
PA 5-4	195,636	85,060	15,924	95,381	33,380	229,745	17,477	602,257	1518,023	91,355	523,596	81,287	2214,261	45,846	
PA 5-5	140,512	200,096	28,762	163,936	5,811	398,605	36,718	602,257	1518,023	91,355	523,596	81,287	2214,261	45,846	
PA 6-1	44,965	326,015	32,591	69,835	-	420,441	73,648	219,234	1048,672	108,189	451,914	180,044	1788,821	71,925	
PA 6-2	141,592	61,368	-	-	-	611,268	46,852	261,734	1048,672	108,189	451,914	180,044	1788,821	71,925	
PA 6-3	35,185	350,346	37,717	28,310	-	413,263	70,520	219,234	1048,672	108,189	451,914	180,044	1788,821	71,925	
PA 6-4	120,142	87,486	-	-	-	89,436	111,738	261,734	1048,672	108,189	451,914	180,044	1788,821	71,925	
PA 6-5	139,085	372,311	37,882	353,770	180,044	944,007	71,764	219,234	1048,672	108,189	451,914	180,044	1788,821	71,925	
PA 7-1	129,037	221,719	35,150	137,009	21,292	415,171	40,707	634,510	758,521	132,176	354,571	75,028	1320,296	28,731	
PA 7-2	70,644	161,036	26,263	101,861	-	289,140	48,985	634,510	758,521	132,176	354,571	75,028	1320,296	28,731	
PA 7-3	343,315	274,627	49,669	79,343	53,736	457,376	19,653	634,510	758,521	132,176	354,571	75,028	1320,296	28,731	
PA 7-4	91,513	101,138	21,094	36,378	-	158,610	24,696	634,510	758,521	132,176	354,571	75,028	1320,296	28,731	
PA 8-1	42,611	170,633	26,715	319,608	-	516,957	108,158	649,419	972,113	128,122	951,633	471,931	2523,799	46,916	
PA 8-2	123,086	787,467	-	-	-	787,467	56,084	481,032	1158,990	108,158	649,419	972,113	128,122	951,633	471,931
PA 8-3	115,396	287,204	31,289	239,449	109,143	667,086	61,871	649,419	972,113	128,122	951,633	471,931	2523,799	46,916	
PA 8-4	357,946	321,524	175,660	22,917	180,318	188,432	567,327	38,897	649,419	972,113	128,122	951,633	471,931	2523,799	46,916
PA 8-5	186,848	186,848	-	-	-	371,524	15,390	481,032	1158,990	128,122	951,633	471,931	2523,799	46,916	
PA 8-6	125,072	137,301	19,865	90,225	68,232	315,623	33,630	649,419	972,113	128,122	951,633	471,931	2523,799	46,916	
PA 8-7	72,865	117,385	16,961	75,561	8,004	217,712	38,483	649,419	972,113	128,122	951,633	471,931	2523,799	46,916	
PA 8-8	106,628	84,129	10,374	46,471	98,120	239,094	30,332	649,419	972,113	128,122	951,633	471,931	2523,799	46,916	
PA 9-1	29,154	36,696	7,677	15,880	-	60,453	28,440	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 9-2	71,402	81,829	17,469	35,006	-	134,305	26,271	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 9-3	364,027	537,827	96,194	92,294	62,704	789,018	29,191	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 9-4	233,697	166,580	31,883	48,147	104,438	351,047	21,660	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 9-5	124,287	83,614	14,738	60,520	35,829	194,702	22,465	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 9-6	277,077	171,864	23,456	100,892	234,761	530,973	26,482	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 9-7	13,768	45,418	5,297	60,793	-	111,508	79,538	1113,411	1123,828	196,914	413,531	437,733	2172,005	28,731	
PA 10-1	189,322	219,436	32,779	200,760	28,534	479,509	33,452	320,129	268,422	38,712	329,447	279,481	916,062	36,226	
PA 10-2	130,807	48,986	5,933	128,666	252,940	436,553	39,945	320,129	268,422	38,712	329,447	279,481	916,062	36,226	
PA 11-1	91,128	35,928	7,316	39,938	-	83,183	13,683	226,379	251,523	103,529	332,655	26,079	713,787	14,743	
PA 11-2	202,680	101,426	29,546	149,985	22,770	303,725	21,776	726,379	251,523	103,529	332,655	26,079	713,787	14,743	
PA 11-3	138,757	15,577	27,885	296	51,749	3,419	726,379	251,523	103,529	332,655	26,079	713,787	14,743		
PA 11-4	293,814	106,178	51,090	114,849	3,014	275,131	14,052	726,379	251,523	103,529	332,655	26,079	713,787	14,743	
PA 12-1	182,754	45,589	25,155	124,394	-	195,138	15,988	735,074	180,807	68,825	399,284	2,737	651,653	13,281	
PA 12-2	236,966	37,477	11,062	204,078	-	252,617	15,962	735,074	180,8						

PA 110-1	635,674	2019,229	-	-	2019,229	41,080	635,674	2019,229	-	-	-	2019,229	41,080			
GU 1-1	125,354	54,597	11,939	171,660	-	238,196	26,744	960,816	203,999	75,825	367,587	13,892	661,304	9,946		
GU 1-2	334,189	35,673	24,355	35,340	7,215	102,583	1,590	960,816	203,999	75,825	367,587	13,892	661,304	9,946		
GU 1-3	116,293	16,708	8,670	9,443	4,257	39,078	2,437	960,816	203,999	75,825	367,587	13,892	661,304	9,946		
GU 1-4	384,981	97,020	30,861	151,145	2,421	281,447	10,699	960,816	203,999	75,825	367,587	13,892	661,304	9,946		
GU 2-1	201,759	59,556	22,774	118,956	-	201,287	14,985	201,759	59,556	22,774	118,956	-	201,287	14,985		
NE 1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NE 1-2	178,072	2085,201	-	-	2085,201	99,512	91,278	1241,925	247,878	-	-	-	2947,878	28,364		
NE 1-3	19,782	17,027	1,864	11,854	58,767	496,458	51,280	166,944	249,878	28,034	160,106	106,678	541,517	41,296		
NE 1-4	920,966	496,458	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 2-1	142,887	356,219	-	-	-	-	-	-	-	-	-	-	541,517	41,296		
NE 2-2	164,904	229,673	26,169	146,252	47,911	452,005	39,793	1241,925	247,878	28,034	160,106	106,678	541,517	41,296		
NE 2-3	197,263	1470,565	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 2-4	223,402	235,284	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 2-5	28,313	262,993	31,070	158,272	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 3-1	7,793	223,510	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 3-2	-	-	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 3-3	30,411	84,401	9,989	120,199	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 4-1	45,129	162,861	18,481	217,821	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 4-2	182,140	91,154	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 4-3	5,482	32,767	4,380	49,919	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 4-4	375,352	265,555	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 4-5	69,793	35,760	4,238	81,383	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 5-1	14,725	128,206	-	-	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 5-2	209,348	262,486	50,916	111,537	20,077	465,016	30,340	565,179	753,223	124,597	339,456	42,164	1259,440	30,478		
NE 5-3	341,106	464,565	72,796	155,966	21,113	714,440	28,998	565,179	753,223	124,597	339,456	42,164	1259,440	30,478		
NE 6-1	68,813	80,172	12,735	144,773	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 6-2	253,729	110,349	38,126	46,274	16,381	211,130	12,377	684,612	349,841	183,293	510,584	33,131	1076,848	22,780		
NE 6-3	362,071	159,319	132,432	319,537	16,750	628,039	24,795	684,612	349,841	183,293	510,584	33,131	1076,848	22,780		
NE 7-1	526,568	593,839	173,118	239,813	16,521	1025,291	26,758	526,568	593,839	173,118	239,813	18,521	1025,291	26,758		
NE 8-1	69,893	75,347	9,898	476,017	53,914	615,176	86,258	801,541	639,762	131,955	765,306	83,596	1620,620	27,430		
NE 8-2	240,789	116,153	25,402	100,408	17,354	259,316	16,087	801,541	639,762	131,955	765,306	83,596	1620,620	27,430		
NE 8-3	400,859	448,282	96,655	188,881	12,329	746,127	21,427	801,541	639,762	131,955	765,306	83,596	1620,620	27,430		
NE 9-1	92,338	87,599	11,121	98,362	6,094	203,176	30,000	292,104	253,833	39,598	211,152	38,965	543,547	25,673		
NE 9-2	101,971	40,754	7,535	19,423	23,095	90,807	13,457	292,104	253,833	39,598	211,152	38,965	543,547	25,673		
NE 9-3	20,619	68,815	7,826	65,512	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 9-4	77,177	56,664	13,116	27,854	9,776	107,410	19,947	292,104	253,833	39,598	211,152	38,965	543,547	25,673		
NE 10-1	66,717	50,223	6,895	52,829	8,194	118,141	25,340	200,297	209,444	27,635	249,325	86,657	573,061	36,944		
NE 10-2	-	-	-	-	-	-	-	200,297	209,444	27,635	249,325	86,657	573,061	36,944		
NE 10-3	-	-	-	-	-	-	-	200,297	209,444	27,635	249,325	86,657	573,061	36,944		
NE 10-4	41,870	27,296	3,723	35,146	68,611	134,776	40,341	200,297	209,444	27,635	249,325	86,657	573,061	36,944		
NE 10-5	91,711	131,925	17,017	161,350	9,852	320,144	42,895	200,297	209,444	27,635	249,325	86,657	573,061	36,944		
NE 11-1	33,405	20,785	6,946	247,828	-	-	-	-	-	-	-	-	2947,878	28,364		
NE 11-2	82,719	346,580	9,646	69,289	32,141	457,656	68,879	480,740	713,875	82,663	633,054	53,851	1483,443	40,411		
NE 11-3	219,958	151,962	35,685	206,948	17,061	411,656	26,371	480,740	713,875	82,663	633,054	53,851	1483,443	40,411		
NE 11-4	144,657	194,547	30,386	108,989	4,649	338,572	31,054	480,740	713,875	82,663	633,054	53,851	1483,443	40,411		
NE 12-1	195,800	99,159	40,309	-	-	-	-	139,468	10,521	341,805	541,883	66,216	174,457	49,499	832,055	34,226
NE 12-2	130,406	356,316	23,831	148,656	38,269	567,072	55,918	341,805	541,883	66,216	174,457	49,499	832,055	34,226		
NE 12-3	15,599	86,408	2,076	25,801	11,231	125,515	88,322	341,805	541,883	66,216	174,457	49,499	832,055	34,226		
NE 13-1	11,612	26,533	2,880	-	-	-	-	29,413	32,772	11,612	26,533	2,880	-	29,413	32,772	
NE 14-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NE 15-1	623,492	8,610	62,094	8,639	.654	79,996	-5,149	623,492	8,610	62,094	8,639	.654	79,996	-5,149		
NE 16-1	881,266	218,518	111,440	191,573	25,219	546,749	8,937	881,266	218,518	111,440	191,573	25,219	546,749	8,937		
NE 17-1	773,073	61,364	76,229	252,683	1,860	392,156	6,596	773,073	61,364	76,229	252,683	1,860	392,156	6,596		
NE 110-1	894,977	2831,679	-	-	44,515	-	2876,194	39,328	1794,415	6814,084	-	90,004	-	6904,088	44,401	
NE 110-2	899,457	3982,405	-	-	45,489	-	4027,894	49,064	1794,415	6814,084	-	90,004	-	6904,088	44,401	
CE 1-1	7,116	298,600	10,274	366,176	-	675,051	324,164	222,787	884,647	81,267	593,012	123,106	1682,032	75,820		
CE 1-2	20,827	1712,812	6,279	82,935	-	1712,812	372,083	327,597	2780,835	-	-	-	2780,835	92,592		
CE 1-3	3,953	90,435	-	-	-	-	-	179,649	252,412	222,787	884,647	81,267	593,012	123,106	1682,032	75,820
CE 1-4	68,102	385,083	-	-	-	-	-	806,063	11,384	327,597	2780,835	-	-	-	2780,835	92,592
CE 1-5	20,103	261,963	7,135	21,340	-	-	-	59,667	42,725	222,787	884,647	81,267	593,012	123,106	1682,032	75,820
CE 1-6	64,902	181,670	20,466	86,613	61,152	341,902	59,387	222,787	884,647	81,267	593,012	123,106	1682,032	75,820		
CE 1-7	11,973	14,064	1,584	4,287	19,950	39,885	41,195	222,787	884,647	81,267	593,012	123,106	1682,032	75,820		
CE 1-8	117,861	268,666	35,528	31,661	42,004	377,859	39,964	222,787	884,647	81,267	593,012	123,106	1682,032	75,820		
CE 1-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CE 2-1	16,279	362,488	9,841	272,069	-	-	-	644,397	208,593	188,270	1607,615	116,424	731,416	9,954	2465,411	103,805
CE 2-2	10,861	787,549	-	-	-	-	-	787,549	365,338	429,646	4590,659	-	-	-	4590,659	87,925
CE 2-3	13,188	223,703	8,809	110,561	-	-	-	345,073	170,787	188,270	1607,615	116,424	731,416	9,954	2465,411	103,805
CE 2-4	75,155	1580,146	-	-	-	-	-	1580,146	143,636	429,646	4590,659	-	-	-	4590,659	87,925
CE 2-5	19,356	264,589	22,493	197,598	-	-	-	484,680	169,793	188,270	1607,615	116,424	731,416	9,954	2465,411	103,805
CE 2-6	92,351	731,348	-	-	-	-	-	731,348	61,754	429,646	4590,659	-	-	-	4590,659	87,925
CE 2-7	38,266															

CE 3-1	140,806	312,436	39,076	87,127	84,194	522,833	42,109	193,203	426,785	53,414	124,119	84,194	688,512	40,890	
CE 3-2	325,583	105,332	14,338	36,992	-	165,679	37,518	193,203	426,785	53,414	124,119	84,194	688,512	40,890	
CE 4-1	189,269	59,982	14,338	130,160	3,858	377,205	59,982	4,745	514,852	165,314	140,937	130,160	3,858	377,205	
CE 4-2	604,139	102,249	140,937	-	-	-	8,688	604,139	102,249	140,937	130,160	3,858	377,205	8,848	
CE 5-1	1088,338	1393,484	375,135	433,330	734,280	2936,230	35,795	1088,338	1393,484	375,135	433,330	734,280	2936,230	35,795	
CE 6-1	8,403	8,499	1,067	14,477	7,688	31,732	45,670	80,770	137,255	19,374	195,853	7,688	360,170	52,363	
CE 6-2	72,367	128,756	18,306	181,376	-	328,436	53,120	80,770	137,255	19,374	195,853	7,688	360,170	52,363	
CE 7-1	163,230	199,505	44,984	190,711	3,257	438,458	35,704	163,230	199,505	44,984	190,711	3,257	438,458	35,704	
CE 8-1	462,733	156,354	68,327	106,043	18,973	349,698	11,135	972,922	772,590	193,326	624,676	87,280	1677,871	24,404	
CE 8-2	279,435	293,100	65,352	152,565	68,306	579,323	28,363	972,922	772,590	193,326	624,676	87,280	1677,871	24,404	
CE 8-3	-	-	-	-	-	-	-	972,922	772,590	193,326	624,676	87,280	1677,871	24,404	
CE 8-4	230,755	323,135	59,648	366,067	-	748,850	40,203	972,922	772,590	193,326	624,676	87,280	1677,871	24,404	
CE 9-1	126,937	137,565	24,076	377,725	3,220	542,587	51,212	722,204	458,911	118,376	540,470	56,416	1172,172	23,317	
CE 9-2	595,267	321,345	94,300	162,745	51,196	629,586	15,833	722,204	458,911	118,376	540,470	56,416	1172,172	23,317	
CE 10-1	462,769	67,097	51,076	71,269	9,522	198,963	4,885	462,769	67,097	51,076	71,269	9,522	198,963	4,885	
CE 11-1	230,322	62,267	27,818	80,285	2,291	172,661	10,967	230,322	62,267	27,818	80,285	2,291	172,661	10,967	
CE 100-1	888,162	1259,607	-	-	-	1259,607	19,860	7002,701	7588,467	-	-	-	7588,467	16,111	
CE 100-2	4121,382	5007,661	-	-	-	5007,661	17,809	7002,701	7588,467	-	-	-	7588,467	16,111	
CE 100-3	1993,157	1321,109	-	-	-	1321,109	9,865	7002,701	7588,467	-	-	-	7588,467	16,111	
CE 101-1	21,087	109,157	-	-	-	109,157	48,768	21,087	109,157	-	-	-	109,157	48,768	
CE 102-1	45,264	184,634	-	-	-	184,634	43,210	45,264	184,634	-	-	-	184,634	43,210	
CE 103-1	79,102	656,808	-	-	-	656,808	78,831	79,102	656,808	-	-	-	656,808	78,831	
CE 104-1	79,819	803,406	-	-	-	803,406	91,401	79,819	803,406	-	-	-	803,406	91,401	
CE 105-1	41,815	119,176	-	-	-	119,176	35,085	41,815	119,176	-	-	-	119,176	35,085	
CE 106-1	81,495	149,400	-	-	-	149,400	24,932	81,495	149,400	-	-	-	149,400	24,932	
CE 107-1	82,223	86,508	-	-	-	86,508	15,673	82,223	86,508	-	-	-	86,508	15,673	
BO 1-1	76,441	221,869	22,561	199,148	-	443,578	63,766	823,298	1067,128	164,254	414,859	6,282	1652,523	27,779	
BO 1-2	178,083	316,078	39,480	73,620	3,998	433,177	32,555	823,298	1067,128	164,254	414,859	6,282	1652,523	27,779	
BO 1-3	138,336	155,126	25,798	69,318	-	250,243	25,501	823,298	1067,128	164,254	414,859	6,282	1652,523	27,779	
BO 1-4	358,368	276,568	61,183	57,668	2,285	397,704	16,565	823,298	1067,128	164,254	414,859	6,282	1652,523	27,779	
BO 1-5	72,070	97,486	15,231	15,104	-	127,821	24,850	823,298	1067,128	164,254	414,859	6,282	1652,523	27,779	
BO 2-1	61,590	154,162	18,557	34,943	20,060	227,723	44,970	432,444	675,918	95,952	121,644	21,515	915,029	28,914	
BO 2-2	99,786	228,415	23,124	48,437	-	299,976	38,274	432,444	675,918	95,952	121,644	21,515	915,029	28,914	
BO 2-3	20,059	40,459	5,639	6,526	-	52,623	36,202	432,444	675,918	95,952	121,644	21,515	915,029	28,914	
BO 2-4	251,010	252,882	48,631	31,739	1,455	334,707	19,572	432,444	675,918	95,952	121,644	21,515	915,029	28,914	
BO 3-1	74,309	153,998	18,080	30,925	6,299	209,302	36,806	577,007	758,189	124,268	157,065	7,841	1047,364	25,611	
BO 3-2	99,792	231,073	28,777	48,274	-	308,124	39,425	577,007	758,189	124,268	157,065	7,841	1047,364	25,611	
BO 3-3	11,111	22,257	3,111	6,515	-	31,883	37,153	577,007	758,189	124,268	157,065	7,841	1047,364	25,611	
BO 3-4	391,795	350,862	74,300	71,351	1,542	498,055	18,781	577,007	758,189	124,268	157,065	7,841	1047,364	25,611	
BO 4-1	261,141	351,352	63,487	44,841	-	459,680	24,908	261,141	351,352	63,487	44,841	-	459,680	24,908	
BO 5-1	542,451	268,108	138,015	40,783	4,351	451,258	12,435	542,451	268,108	138,015	40,783	4,351	451,258	12,435	
BO 6-1	281,129	182,040	75,025	26,267	6,067	289,400	15,436	281,129	182,040	75,025	26,267	6,067	289,400	15,436	
BO 7-1	30,986	14,874	3,197	20,396	-	38,466	18,443	30,986	14,874	3,197	20,396	-	38,466	18,433	
BO 8-1	6,671	4,494	.775	3,606	-	8,876	19,498	6,671	4,494	.775	3,606	-	8,876	19,498	
SI 1-1	19,920	5,400	1,244	11,759	-	18,402	13,860	226,061	55,022	14,355	72,456	-	141,833	8,929	
SI 1-2	85,969	23,283	5,960	34,919	-	64,161	11,026	226,061	55,022	14,355	72,456	-	141,833	8,929	
SI 1-3	120,172	26,339	7,152	25,776	-	59,269	6,285	226,061	55,022	14,355	72,456	-	141,833	8,929	
LE 1-1	-	-	-	-	-	-	-	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-2	30,006	50,628	4,914	32,131	33,899	121,573	46,760	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-3	69,311	21,378	-	-	-	21,378	3,365	625,907	326,412	55,627	484,777	861,859	1800,602	28,276	
LE 1-4	20,680	41,470	-	-	-	41,470	22,224	623,907	326,412	55,627	484,777	861,859	1800,602	28,276	
LE 1-5	30,118	64,702	5,953	127,328	26,458	224,441	72,200	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-6	133,328	64,262	-	-	-	64,262	7,441	623,907	326,412	55,627	484,777	861,859	1800,602	28,276	
LE 1-7	272,270	3,045	1,342	3,164	450,441	456,992	65,601	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-8	400,587	199,302	-	-	-	199,302	8,360	623,907	326,412	55,627	484,777	861,859	1800,602	28,276	
LE 1-9	44,366	-	-	-	-	116,552	116,552	33,047	623,907	326,412	55,627	484,777	861,859	1800,602	28,276
LE 1-10	46,220	37,701	4,616	35,875	38,219	116,411	32,805	623,907	326,412	55,627	484,777	861,859	1800,602	28,276	
LE 1-11	103,154	127,043	16,021	141,324	21,948	306,336	37,398	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-12	146,755	20,264	5,945	68,739	32,379	127,328	13,040	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-13	77,059	8,992	3,484	50,594	4,561	67,631	13,187	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-14	243,920	78,218	12,663	22,741	112,530	226,152	13,957	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 1-15	65,758	7,746	1,688	2,881	24,872	37,186	7,989	859,626	398,338	55,627	484,777	861,859	1800,602	28,276	
LE 2-1	39,323	67,162	6,057	68,446	45,167	186,835	52,223	583,655	1061,127	119,574	1083,840	608,869	2873,411	8,752	
LE 2-2	129,326	68,372	-	-	-	68,372	8,613	634,931	662,788	119,574	1083,840	608,869	2873,411	8,752	
LE 2-3	158,790	626,886	65,360	322,735	388,545	1403,526	82,579	583,655	1061,127	119,574	1083,840	608,869	2873,411	8,752	
LE 2-4	505,605	594,415	-	-	-	594,415	16,624	634,931	662,788	119,574	1083,840	608,869	2873,411	8,752	

LE 6-3	464,699	146,174	63,246	102,694	10,905	323,019	10,217	1267,585	271,625	140,799	275,312	39,305	727,242	7,980	
LE 7-1	121,246	69,007	19,099	35,148	-	123,254	15,241	814,852	481,246	128,787	341,555	109,518	1061,107	19,091	
LE 7-2	215,416	67,111	29,401	66,743	8,927	172,181	11,938	814,852	481,246	128,787	341,555	109,518	1061,107	19,091	
LE 7-3	215,803	134,540	33,908	104,364	60,159	332,970	22,074	814,852	481,246	128,787	341,555	109,518	1061,107	19,091	
LE 7-4	262,387	210,588	46,380	135,301	40,432	432,701	23,258	814,852	481,246	128,787	341,555	109,518	1061,107	19,091	
LE 8-1	6,245	-	-	-	20,949	20,949	40,735	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-2	33,641	20,327	2,777	48,263	20,263	91,631	35,279	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-3	33,991	11,969	1,768	14,630	27,070	55,437	23,286	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-4	607,982	426,139	74,790	730,714	398,626	1630,270	34,533	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-5	34,996	20,245	2,851	181,660	35,052	239,787	70,586	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-6	28,041	11,743	1,672	11,180	16,421	41,016	21,116	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-7	27,188	6,095	,896	6,249	26,803	40,043	21,250	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-8	-	-	-	-	-	-	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972		
LE 8-9	591	1,181	166	5,544	-	6,891	98,584	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 8-10	45,327	5,657	,821	26,278	68,742	101,498	29,517	818,002	503,357	85,741	1024,499	613,925	2227,521	34,972	
LE 9-1	26,556	37,203	5,693	67,968	36,436	147,302	58,682	30,380	42,379	5,693	75,912	42,775	166,760	58,161	
LE 9-2	3,824	5,177	-	7,944	6,337	19,458	54,495	30,380	42,379	5,693	75,912	42,775	166,760	58,161	
LE 10-1	91,540	1276,529	144,078	136,921	29,464	158,992	91,177	658,135	1602,558	236,029	318,198	140,213	2296,998	35,990	
LE 10-2	165,910	162,114	-	-	-	162,114	16,785	165,910	162,114	-	-	162,114	16,785	-	
LE 10-3	195,437	104,488	22,877	84,085	36,805	248,254	18,318	658,135	1602,558	236,029	318,198	140,213	2296,998	35,990	
LE 10-4	371,157	221,541	69,075	97,191	73,944	461,751	18,343	658,135	1602,558	236,029	318,198	140,213	2296,998	35,990	
LE 11-1	1054,077	157,866	108,210	166,314	37,188	469,577	5,160	1054,077	157,866	108,210	166,314	37,188	469,577	5,160	
LE 12-1	85,271	26,180	12,271	167,395	,666	206,511	32,727	984,916	45,108	202,977	448,845	1,074	698,004	10,359	
LE 12-2	162,995	3,234	11,662	-	408	15,304	-6,628	984,916	45,108	202,977	448,845	1,074	698,004	10,359	
LE 12-3	694,867	14,781	176,416	281,450	-	472,647	9,883	984,916	45,108	202,977	448,845	1,074	698,004	10,359	
LE 12-4	41,783	,913	2,628	-	-	3,541	-7,177	984,916	45,108	202,977	448,845	1,074	698,004	10,359	
LE 13-1	655,331	291,128	96,547	535,490	90,090	1017,255	22,098	1601,789	460,371	217,547	1022,692	119,381	1819,992	16,890	
LE 13-2	519,985	84,821	53,133	17,131	16,824	171,910	2,620	1601,789	460,371	217,547	1022,692	119,381	1819,992	16,890	
LE 13-3	426,474	84,423	67,867	466,071	12,467	630,827	21,299	1601,789	460,371	217,547	1022,692	119,381	1819,992	16,890	
MS 1-1	37,381	26,455	3,864	52,513	6,711	89,543	32,091	63,844	28,750	4,140	63,751	19,048	115,669	25,558	
MS 1-2	26,463	2,295	,276	11,238	12,337	26,146	14,822	63,844	28,750	4,140	63,751	19,048	115,669	25,558	
MS 2-1	54,959	26,909	4,399	17,872	4,034	53,214	14,538	54,959	26,909	4,399	17,872	4,034	53,214	14,538	
MS 2-2	-	-	-	-	-	-	54,959	26,909	4,399	17,872	4,034	53,214	14,538	-	
MS 3-1	195,918	75,431	23,133	10,301	3,585	112,450	8,110	510,550	142,645	47,544	18,449	9,329	217,967	5,069	
MS 3-2	314,633	67,214	24,411	8,148	5,745	105,518	2,824	510,550	142,645	47,544	18,449	9,329	217,967	5,069	
MS 4-1	363,496	75,360	75,832	31,721	8,587	191,499	7,165	1199,570	436,279	175,985	222,752	26,933	861,949	10,648	
MS 4-2	652,897	200,453	69,470	190,626	11,364	471,913	10,682	1199,570	436,279	175,985	222,752	26,933	861,949	10,648	
MS 4-3	183,177	160,466	30,683	,406	6,983	198,538	16,157	1199,570	436,279	175,985	222,752	26,933	861,949	10,648	
MS 5-1	51,334	28,665	8,223	28,540	1,833	67,262	19,228	249,945	115,103	32,643	89,293	12,365	249,405	14,969	
MS 5-2	198,611	86,438	24,420	60,753	10,531	182,142	13,791	249,945	115,103	32,643	89,293	12,365	249,405	14,969	
MS 6-1	429,340	99,868	91,635	104,171	1,220	296,893	10,190	429,340	99,868	91,635	104,171	1,220	296,893	10,190	
MS 7-1	662,017	73,951	169,592	26,383	-	271,926	4,981	1214,578	145,513	345,973	51,797	-	543,283	5,508	
MS 7-2	228,538	27,055	70,717	10,035	-	107,807	6,029	1214,578	145,513	345,973	51,797	-	543,283	5,508	
MS 7-3	344,023	42,506	105,664	15,378	-	163,549	6,115	1214,578	145,513	345,973	51,797	-	543,283	5,508	
SA 1-1	147,690	69,807	9,961	55,724	129,622	265,111	25,155	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-2	102,452	119,606	16,949	29,798	32,319	198,671	26,954	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-3	389,860	277,541	39,330	62,634	277,471	656,977	23,965	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-4	323,426	486,256	63,599	681,707	149,816	1381,379	50,898	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-5	484,222	711,875	91,564	687,752	265,819	1756,990	44,503	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-6	163,219	343,205	45,986	344,723	64,502	798,415	55,894	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-7	340,331	532,041	72,950	587,869	175,243	1368,103	47,996	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378	
SA 1-8	2,368	8,086	,973	16,035	-	-	25,095	97,097	1953,568	2548,417	341,294	2466,241	1094,792	6450,743	41,378
SA 2-1	97,448	61,778	8,130	106,497	28,975	205,380	28,234	604,121	297,591	85,021	476,082	119,345	978,039	22,708	
SA 2-2	274,640	87,266	14,470	233,548	90,370	425,653	21,941	604,121	297,591	85,021	476,082	119,345	978,039	22,708	
SA 2-3	9,409	3,421	,632	18,521	-	-	22,574	30,832	604,121	297,591	85,021	476,082	119,345	978,039	22,708
SA 2-4	222,625	145,125	61,789	117,517	-	324,432	20,761	604,121	297,591	85,021	476,082	119,345	978,039	22,708	
SA 3-1	527,888	454,506	89,506	214,632	5,230	763,874	20,874	732,839	585,055	115,433	268,406	25,843	994,737	19,773	
SA 3-2	204,952	130,549	25,927	53,774	20,614	230,863	16,772	732,839	585,055	115,433	268,406	25,843	994,737	19,773	
SA 4-1	53,383	18,132	3,461	15,734	1,830	39,156	10,885	316,040	65,616	16,417	67,382	66,356	213,770	9,905	
SA 4-2	66,717	3,476	,803	3,737	30,178	38,194	8,046	316,040	65,616	16,417	67,382	66,356	213,770	9,905	
SA 4-3	195,940	44,007	10,153	47,911	34,348	136,419	10,240	316,040	65,616	16,417	67,382	66,356	213,770	9,905	
SA 5-1	121,354	113,390	25,538	121,176	10,005	270,108	30,332	1724,974	536,089	399,923	857,728	106,614	1900,354	16,456	
SA 5-2	844,712	206,166	295,339	608,500	-	1110,005	19,323	1724,974	536,089	399,923	857,728	106,614	1900,354	16,456	
SA 5-3	7														

SA 6-6	257,635	129,128	20,887	100,798	177,020	427,834	23,304	3159,558	1039,911	442,505	1121,459	395,275	2999,150	14,274		
SA 6-7	269,708	70,853	13,596	58,814	81,792	225,056	12,548	3159,558	1039,911	442,505	1121,459	395,275	2999,150	14,274		
SA 6-8	331,988	89,555	18,310	84,016	2,354	194,235	8,300	3159,558	1039,911	442,505	1121,459	395,275	2999,150	14,274		
SA 7-1	144,748	41,523	9,194	41,412	-	92,128	9,219	144,748	41,523	9,194	41,412	-	92,128	9,219		
SA 8-1	170,257	132,720	35,580	79,621	3,147	251,068	21,157	2343,114	284,382	487,523	278,444	12,487	1062,836	5,580		
SA 8-2	468,003	25,063	182,661	69,716	-	277,440	8,345	2343,114	284,382	487,523	278,444	12,487	1062,836	5,580		
SA 8-3	1100,765	60,226	204,466	104,405	-	369,097	2,656	2343,114	284,382	487,523	278,444	12,487	1062,836	5,580		
SA 8-4	604,090	66,372	64,817	24,703	9,340	165,232	1,106	2343,114	284,382	487,523	278,444	12,487	1062,836	5,580		
SA 9-1	159,022	35,901	38,994	1,008	6,428	82,351	7,005	1641,815	427,404	498,341	164,123	12,973	1102,842	9,839		
SA 9-2	529,874	141,297	194,668	70,374	-	406,340	11,439	1641,815	427,404	498,341	164,123	12,973	1102,842	9,839		
SA 9-3	796,316	213,090	261,992	92,741	-	547,822	10,120	1641,815	427,404	498,341	164,123	12,973	1102,842	9,839		
SA 9-4	156,605	37,117	22,687	-	6,544	66,349	4,973	1641,815	427,404	498,341	164,123	12,973	1102,842	9,839		
CH 1-1	103,278	121,321	18,531	9,977	18,405	168,235	23,558	328,466	295,640	52,757	30,204	31,754	410,354	18,592		
CH 1-2	225,188	174,319	34,226	20,226	13,348	242,119	16,119	328,466	295,640	52,757	30,204	31,754	410,354	18,592		
HI 1-1	138,179	216,515	24,927	7,244	11,620	260,305	26,198	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-2	129,124	44,691	5,802	2,543	151,934	204,969	22,574	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-3	99,434	108,656	14,098	17,055	84,930	224,740	30,028	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-4	109,385	58,917	7,137	3,641	147,214	216,909	26,955	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-5	143,150	299,818	28,893	15,646	355,304	699,661	53,602	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-6	375,007	408,415	-	-	-	408,415	15,839	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-7	11,873	43,708	3,977	1,729	24,998	74,412	63,549	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-8	28,202	65,930	-	-	-	65,930	24,192	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-9	16,086	33,779	5,013	2,365	-	41,157	33,826	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-10	579,269	333,376	-	-	-	12,297	12,297	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-11	182,617	961,439	104,582	115,641	-	181,617	69,503	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-12	391,000	128,882	-	-	-	128,882	4,093	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-13	246,087	770,884	89,338	111,004	-	971,226	88,456	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-14	360,592	1215,592	131,341	143,368	-	1490,301	45,846	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-15	60,285	290,712	31,051	39,932	-	361,695	60,276	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-16	139,584	43,085	-	-	-	43,085	3,647	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-17	105,757	703,470	-	-	-	703,470	66,431	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-18	24,911	199,471	16,550	68,385	-	284,406	92,512	2136,101	9402,012	998,241	1153,656	776,000	12329,910	61,114		
HI 1-19	53,588	623,216	-	-	-	623,216	77,559	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-20	85,720	1058,023	-	-	-	1058,023	107,984	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-21	181,281	1299,949	-	-	-	1299,949	56,164	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 1-22	81,454	82,317	-	-	-	82,317	15,092	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 2-1	135,697	46,363	-	-	-	66,363	5,345	3818,287	8824,383	-	-	-	8824,383	26,711		
HI 2-2	6,510	26,696	3,962	7,079	-	37,736	60,298	26,765	79,454	11,743	40,696	-	131,893	54,941		
HI 2-3	185,122	137,568	-	-	-	1378,568	67,935	1730,216	3269,719	-	-	-	3269,719	23,417		
HI 2-4	4,135	10,929	1,333	2,438	-	14,701	42,768	26,745	79,454	11,743	40,696	-	131,893	54,941		
HI 2-5	413,967	552,126	-	-	-	552,126	18,261	1730,216	3269,719	-	-	-	3269,719	23,417		
HI 2-6	16,100	41,831	6,447	31,178	-	79,455	55,639	26,765	79,454	11,743	40,696	-	131,893	54,941		
HI 2-7	240,871	359,447	-	-	-	359,447	18,893	1730,216	3269,719	-	-	-	3269,719	23,417		
HI 2-8	3,345	331,050	-	-	-	331,050	40,927	1730,216	3269,719	-	-	-	3269,719	23,417		
HI 3-1	170,859	180,076	-	-	-	180,076	4,022	1730,216	3269,719	-	-	-	3269,719	23,417		
HI 3-2	57,552	331,563	29,640	37,980	18,465	417,627	10,037	1730,216	3269,719	-	-	-	3269,719	23,417		
HI 3-3	146,318	72,400	-	-	-	72,400	8,122	1850,260	921,671	11,743	40,696	-	131,893	54,941		
HI 3-4	256,118	1626,118	158,302	65,362	45,205	1894,987	51,561	1850,260	921,671	11,743	40,696	-	131,893	54,941		
HI 3-5	793,264	274,405	-	-	-	274,405	4,806	1850,260	921,671	11,743	40,696	-	131,893	54,941		
HI 3-6	49,665	300,818	51,815	15,058	-	367,691	59,640	574,286	3537,348	373,669	263,964	71,562	4246,542	55,581		
HI 3-7	77,526	588,387	61,272	23,448	-	673,107	61,237	574,286	3537,348	373,669	263,964	71,562	4246,542	55,581		
HI 3-8	249,991	196,135	-	-	-	196,135	12,728	1850,260	921,671	11,743	40,696	-	131,893	54,941		
HI 3-9	139,445	690,482	72,640	122,116	7,892	893,131	56,545	574,286	3537,348	373,669	263,964	71,562	4246,542	55,581		
HI 4-1	355,845	138,846	-	-	-	138,846	5,726	1850,260	921,671	662,772	979,929	140,303	82,113	40,497	1342,641	25,232
HI 4-2	275,256	147,590	-	-	-	147,590	8,879	275,256	979,929	140,303	82,113	40,497	1342,641	25,232		
HI 4-3	662,772	979,929	140,303	82,113	40,497	1242,841	25,232	275,256	979,929	140,303	82,113	40,497	1342,641	25,232		
HI 5-1	196,954	1862,861	-	-	-	1862,861	56,514	645,702	2658,707	102,422	427,378	42,603	-	-	-	
HI 5-2	39,287	163,284	15,912	22,215	-	201,411	33,522	601,429	1486,764	126,640	370,996	286,978	2271,378	42,603		
HI 5-3	414,182	700,871	-	-	-	700,871	20,261	645,702	2658,707	102,422	427,378	42,603	-	-	-	
HI 5-4	34,565	94,974	-	-	-	94,974	26,209	601,429	1486,764	126,640	370,996	286,978	2271,378	42,603		
HI 5-5	-	-	-	-	-	-	-	645,702	2658,707	126,640	370,996	286,978	2271,378	42,603		
HI 5-6	24,708	26,401	2,934	43,058	-	72,375	36,776	601,429	1486,764	126,640	370,996	286,978	2271,378	42,603		
HI 5-7	114,089	225,694	22,815	98,435	-	346,941	36,902	645,702	2658,707	126,640	370,996	286,978	2271,378	42,603		
HI 5-8	60,284	75,493	7,487	35,484	71,176	189,841	38,477	601,429	1486,764	126,640	370,996	286,978	2271,378	42,603		
HI 5-9	170,277	299,681	19,998	51,957	150,766	530,402	36,598	645,702	2658,707	126,640	370,996	286,978	2271,378	42,603		
HI 5-10	147,767	506,557	41,361	83,128	57,036	688,082	48,995	601,429	1486,764	126,640	370,996	286,978	2271,378	42,603		
HI 5-11	45,037	189,453	16,133	36,741	-	242,327	54,501	601,429	1486,764	126,640	370,9					

HI 6-5	319.065	148.553	32.591	24.515	12,451	218,110	10,753	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-6	228.262	101.874	19.854	8,713	9,966	140,408	9,732	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-7	227.487	476.653	113.512	741.132	52,135	1383.432	63,100	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-8	65.226	118.873	18,325	9,882	-	147,081	29,657	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-9	46.529	110.105	11,813	20,440	62,351	204,709	49,801	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-10	59.929	89.773	9,674	17,540	29,849	146,835	31,963	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-11	375.158	766.184	115.879	48,570	22,943	953,577	32,823	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-12	145.689	338.928	51,914	23,340	22,764	436,966	37,345	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-13	196.186	545.800	80,078	38,100	17,295	681,273	41,859	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-14	331.449	666.516	110,678	58,340	27,866	863,401	33,341	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-15	200.949	392.916	64,114	52,987	-	510,016	32,719	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-16	300.632	736.320	109,996	55,099	24,804	926,219	37,831	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-17	675.755	1343.145	220,386	39,449	18,056	1621,036	31,166	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-18	327.056	5289.923	602,594	50,052	47,882	5990,452	132,911	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 6-19	66,771	265,430	265,430	44,772	54,031	93,166	606,406	57,397	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117	
HI 6-20	315.731	118,476	28,049	67,782	10,588	161,695	11,957	4300.082	12201.380	1702.422	1552.676	848.315	16304.800	44.117		
HI 7-1	24,313	367,743	29,488	31,385	48,925	457,540	146,222	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236		
HI 7-2	168,082	950,188	6,236	14,104	1,588	4,345	-	20,037	38,720	748,767	2336,750	212,440	216,829	1560,076	4326,095	
HI 7-3	4,879	-	-	-	-	-	25,550	25,550	56,870	748,767	2336,750	212,440	216,829	1560,076	4326,095	
HI 7-4	36,855	268,649	-	-	-	-	28,392	28,392	31,152	748,767	2336,750	212,440	216,829	1560,076	4326,095	
HI 7-5	53,997	-	-	-	-	-	131,250	131,250	31,650	748,767	2336,750	212,440	216,829	1560,076	4326,095	
HI 7-6	48,404	-	-	-	-	-	9,127	9,127	-2,063	748,767	2336,750	212,440	216,829	1560,076	4326,095	
HI 7-7	128,328	114,830	11,277	15,216	193,573	334,896	33,872	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236		
HI 7-8	40,578	107,132	10,053	17,319	-	-	134,503	38,669	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236	
HI 7-9	125,194	79,821	-	-	-	-	79,821	10,375	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236	
HI 7-10	57,450	281,185	-	-	-	-	25,910	153,629	62,723	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236
HI 7-11	88,774	153,819	16,681	34,947	443,174	648,620	73,591	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236		
HI 7-12	15,357	-	-	-	-	-	196,486	196,486	110,198	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236
HI 7-13	126,163	2090,296	-	-	-	-	2090,296	133,644	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236	
HI 7-14	19,985	22,950	2,008	5,920	169,821	200,699	92,324	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236		
HI 7-15	294,916	2247,545	-	-	-	-	228,545	58,308	2856,835	840,979	212,440	216,829	1560,076	4326,095	55,236	
HI 7-16	2,650	-	-	-	-	-	21,478	21,478	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236	
HI 7-17	340,265	875,938	-	-	-	-	875,938	2856,835	840,979	212,440	216,829	1560,076	4326,095	55,236		
HI 7-18	21,597	10,899	1,108	1,169	120,813	133,088	62,720	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236		
HI 7-19	324,245	360,757	-	-	-	-	340,757	15,481	2856,835	840,979	212,440	216,829	1560,076	4326,095	55,236	
HI 7-20	30,256	95,233	9,793	13,266	-	-	118,292	43,551	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236	
HI 7-21	81,458	85,561	-	-	-	-	85,561	15,498	2856,835	840,979	212,440	216,829	1560,076	4326,095	55,236	
HI 7-22	30,575	29,070	5,017	14,156	84,451	132,691	47,236	748,767	2336,750	212,440	216,829	1560,076	4326,095	55,236		
HI 7-23	226,137	272,254	114,474	60,904	61,526	1578,912	3,866	2856,835	840,979	212,440	216,829	1560,076	4326,095	55,236		
HI 7-24	196,105	1342,008	114,474	60,904	61,526	1578,912	506,969	9,766	2856,835	840,979	212,440	216,829	1560,076	4326,095	55,236	
HI 8-1	1,272	1,910	-	-	-	-	2,355	25,505	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235	
HI 8-2	14,120	-	-	-	-	-	28,940	28,940	28,042	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235
HI 8-3	37,898	7,356	902	1,535	130,983	140,776	44,666	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235		
HI 8-4	568,279	216,987	-	-	-	-	216,987	5,195	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235	
HI 8-5	325,277	107,770	-	-	-	-	107,770	3,866	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235	
HI 8-6	664,116	135,015	37,047	712,181	-	-	1984,243	37,217	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235	
HI 8-7	80,859	170,848	19,278	45,748	-	-	235,874	36,050	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235	
HI 8-8	80,085	208,118	33,404	10,623	-	-	352,145	38,550	900,985	1655,127	97,337	770,546	173,660	2696,671	37,235	
HI 9-1	-	-	-	-	-	-	-	-	243,731	236,338	30,476	40,382	194,318	501,514	28,077	
HI 9-2	23,232	-	-	-	-	-	91,211	91,211	46,948	243,731	236,338	30,476	40,382	194,318	501,514	28,077
HI 9-3	-	-	-	-	-	-	-	-	243,731	236,338	30,476	40,382	194,318	501,514	28,077	
HI 9-4	116,045	181,143	21,349	23,752	75,143	301,387	33,932	243,731	236,338	30,476	40,382	194,318	501,514	28,077		
HI 9-5	-	-	-	-	-	-	-	-	243,731	236,338	30,476	40,382	194,318	501,514	28,077	
HI 9-6	19,471	-	-	-	-	-	27,964	27,964	20,703	243,731	236,338	30,476	40,382	194,318	501,514	28,077
HI 9-7	-	-	-	-	-	-	-	-	243,731	236,338	30,476	40,382	194,318	501,514	28,077	
HI 9-8	84,983	55,195	9,127	16,630	-	-	80,952	14,327	243,731	236,338	30,476	40,382	194,318	501,514	28,077	
HI 10-1	178,987	883,719	96,587	408,764	9,706	1398,775	76,585	622,128	310,343	349,802	1001,183	661,190	5422,518	75,384		
HI 10-2	454,648	192,924	-	-	-	-	192,924	6,419	2143,615	3567,800	349,802	1001,183	661,190	3567,800	20,480	
HI 10-3	334,095	203,802	43,711	128,234	83,644	697,876	76,913	2143,615	3567,800	349,802	1001,183	661,190	5422,518	75,384		
HI 10-4	3,995	140,238	14,695	231	26,728	181,303	10,215	2143,615	3567,800	349,802	1001,183	661,190	3567,800	20,480		
HI 10-5	251,996	576,039	-	-	-	-	122,109	622,128	310,343	349,802	1001,183	661,190	5422,518	75,384		
HI 10-6	118,102	587,631	-	-	-	-	36,457	36,457	122,109	622,128	310,343	349,802	1001,183	661,190	5422,518	
HI 10-7	178,772	1358,922	136,913	290,491	246,402	2032,727										

MI 13-3	38,789	42,619	6,346	39,178	7,354	95,496	32,238	1021,287	1211,939	224,114	183,425	49,092	1668,569	23,118	
MI 13-4	80,979	372,064	44,018	35,966	10,968	463,016	61,940	1021,287	1211,939	224,114	183,425	49,092	1668,569	23,118	
MI 14-1	43,729	239,977	26,472	25,057	-	291,506	50,424	380,569	713,644	60,907	106,368	117,025	997,945	30,908	
MI 14-2	282,927	364,564	-	-	9,934	117,025	364,564	17,461	405,098	511,733	-	511,733	17,264	-	
MI 14-3	17,735	26,983	-	-	-	153,922	79,408	380,569	713,644	60,907	106,368	117,025	997,945	30,908	
MI 14-4	122,170	147,169	-	-	-	167,169	16,795	405,098	511,733	-	-	511,733	17,264	-	
MI 14-5	141,824	304,103	21,785	51,220	-	377,108	31,751	380,569	713,644	60,907	106,368	117,025	997,945	30,908	
MI 14-6	46,040	49,365	4,261	12,357	-	65,983	20,331	380,569	511,733	60,907	106,368	117,025	997,945	30,908	
MI 14-7	131,241	93,235	8,389	7,801	-	109,425	12,800	380,569	713,644	60,907	106,368	117,025	997,945	30,908	
MI 15-1	606,863	111,510	63,282	6,217	-	201,008	3,931	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-2	375,188	67,055	55,295	346,251	-	468,602	18,274	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-3	206,680	35,700	25,306	,004	5,002	66,012	3,593	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-4	262,687	52,219	54,258	252,602	-	359,079	19,733	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-5	574,528	198,577	81,790	65,634	-	346,000	9,049	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-6	596,882	193,387	74,095	62,121	18,240	347,843	8,381	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-7	250,850	10,510	55,894	163,728	-	230,132	13,777	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-8	1583,283	40,866	279,293	260,966	-	581,125	3,434	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-9	87,485	24,341	10,308	,037	2,117	36,803	4,886	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-10	421,643	102,275	76,496	136,743	4,373	313,886	11,083	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-11	129,739	77,375	13,664	70,316	4,341	165,697	18,666	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-12	365,679	559,482	80,018	31,234	-	670,733	25,343	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 15-13	313,091	623,932	92,026	102,724	27,593	846,276	34,399	5774,599	2097,229	981,725	1492,577	61,665	4633,197	12,086	
MI 16-1	2,286	-	-	-	13,698	13,698	63,572	276,500	469,892	55,363	572,467	241,156	1338,879	53,570	
MI 16-2	272,676	159,281	-	-	-	159,281	9,383	272,676	159,281	-	-	159,281	9,383	-	
MI 16-3	128,136	210,206	25,743	378,364	83,595	697,908	58,485	276,500	469,892	55,363	572,467	241,156	1338,879	53,570	
MI 16-4	21,937	39,302	4,471	14,410	-	58,183	33,916	276,500	469,892	55,363	572,467	241,156	1338,879	53,570	
MI 16-5	124,141	220,384	25,149	179,693	143,862	569,089	51,350	276,500	469,892	55,363	572,467	241,156	1338,879	53,570	
MI 17-1	586,811	288,734	70,917	,110	8,319	368,079	9,000	1341,538	870,514	247,416	290,606	37,586	1446,123	16,106	
MI 17-2	754,727	581,781	176,500	290,496	29,268	1078,043	20,695	1341,538	870,514	247,416	290,606	37,586	1446,123	16,106	
MI 18-1	-	-	-	-	-	-	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-	
MI 18-2	562,791	440,113	85,667	316,576	75,790	916,147	23,617	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-3	543,500	286,667	57,126	96,574	134,689	575,256	15,835	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-4	189,673	131,918	22,737	74,630	108,467	337,751	24,859	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-5	617,993	640,884	106,349	68,588	212,957	1028,777	23,545	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-6	1058,403	2057,789	299,550	641,568	240,296	3239,202	38,104	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-7	720,417	1523,374	221,330	366,749	168,991	2280,445	39,046	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-8	498,235	219,270	67,443	94,778	27,656	409,147	12,284	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-9	487,485	162,995	57,847	267,002	28,174	516,019	15,842	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-10	1103,796	654,265	146,986	262,539	37,150	880,941	11,957	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-11	658,583	253,823	84,138	431,499	39,585	809,046	16,159	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 18-12	26,875	16,692	2,812	12,172	-	31,676	17,422	6467,751	6187,991	1151,984	2612,676	1073,755	11026,410	24,046	-
MI 19-1	718,788	117,997	100,045	265,359	6,743	490,143	10,125	2094,226	412,227	265,274	670,931	40,141	1388,573	9,696	-
MI 19-2	35,897	8,135	3,773	,011	-	11,919	2,909	2094,226	412,227	265,274	670,931	40,141	1388,573	9,696	-
MI 19-3	87,336	26,299	8,888	120,402	-	155,590	24,903	2094,226	412,227	265,274	670,931	40,141	1388,573	9,696	-
MI 19-4	449,488	43,688	71,947	135,784	-	251,419	7,710	2094,226	412,227	265,274	670,931	40,141	1388,573	9,696	-
MI 19-5	242,742	6,452	19,334	,001	1,888	27,675	5,910	2094,226	412,227	265,274	670,931	40,141	1388,573	9,696	-
MI 19-6	559,976	209,656	61,287	169,374	31,510	451,827	12,055	2094,226	412,227	265,274	670,931	40,141	1388,573	9,696	-
MI 20-1	38,046	43,535	6,384	16,637	-	66,556	24,791	169,726	132,807	39,884	71,475	-	244,166	20,890	-
MI 20-2	131,679	89,272	33,500	54,838	-	177,610	19,726	169,726	132,807	39,884	71,475	-	244,166	20,890	-
MI 21-1	134,403	68,590	10,796	29,106	8,812	117,303	13,099	143,403	68,590	10,796	29,106	8,812	117,303	13,099	-
MI 22-1	21,497	43,577	3,568	24,563	-	71,708	41,329	110,933	282,120	32,483	171,446	19,517	505,566	52,048	-
MI 22-2	89,436	238,544	28,914	146,883	19,517	433,858	54,467	110,933	282,120	32,483	171,446	19,517	505,566	52,048	-
MI 23-1	11,686	8,672	1,924	7,897	-	18,493	22,589	903,044	250,745	108,601	263,457	16,592	639,395	10,487	-
MI 23-2	512,843	135,225	59,667	250,749	16,592	462,233	13,558	903,044	250,745	108,601	263,457	16,592	639,395	10,487	-
MI 23-3	378,515	106,848	47,010	4,811	-	158,669	4,877	903,044	250,745	108,601	263,457	16,592	639,395	10,487	-
MI 24-1	119,222	57,247	16,866	78,862	-	152,975	18,893	1436,100	1151,926	224,768	537,730	114,450	2028,873	20,303	-
MI 24-2	429,859	589,426	98,633	278,751	36,904	1003,715	30,457	1436,100	1151,926	224,768	537,730	114,450	2028,873	20,303	-
MI 24-3	285,351	192,087	38,599	50,509	29,110	310,306	16,180	1436,100	1151,926	224,768	537,730	114,450	2028,873	20,303	-
MI 24-4	601,668	313,165	70,669	129,608	48,435	561,877	14,082	1436,100	1151,926	224,768	537,730	114,450	2028,873	20,303	-
MI 25-1	67,287	270,021	36,746	19,760	-	326,527	52,414	340,486	787,648	85,643	61,560	-	934,850	35,265	-
MI 25-2	170,664	169,196	-	-	-	169,196	14,910	170,664	169,196	-	-	169,196	14,910	-	-
MI 25-3	184,873	333,018	39,207	78,876	44,577	410,842	30,751								

HI 28-3	183,951	110,926	15,938	144,003	35,210	306,076	23,571	1004,367	206,657	99,571	183,894	40,510	530,633	7,068	
HI 28-4	820,416	95,732	83,633	39,892	5,301	224,557	7,764	1004,367	206,657	99,571	183,894	40,510	530,633	7,068	
HI 29-1	195,027	353,353	-	-	-	353,353	21,529	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966	
HI 29-2	-	-	-	-	-	-	-	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966	
HI 29-3	25,989	6,400	-	11,826	26,790	45,016	24,263	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966	
HI 29-4	5,145	2,757	7,718	2,047	-	-	5,521	16,034	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966
HI 29-5	233,442	31,504	20,721	142,127	1,036	195,387	12,536	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966	
HI 29-6	375,764	38,956	26,606	670	14,996	81,029	-826	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966	
HI 29-7	847,988	222,520	233,847	218,211	5,333	679,912	12,055	1488,327	302,137	281,893	374,681	48,155	1006,866	9,966	
HI 30-1	291,381	133,151	30,481	427,039	1,273	591,945	26,937	1390,086	472,953	127,526	768,180	57,550	1426,210	15,356	
HI 30-2	667,265	201,508	61,998	196,332	29,670	489,506	11,023	1390,086	472,953	127,526	768,180	57,550	1426,210	15,356	
HI 30-3	281,269	80,812	22,959	26,639	5,592	136,003	6,659	1390,086	472,953	127,526	768,180	57,550	1426,210	15,356	
HI 30-4	150,171	57,482	12,088	118,171	21,015	208,756	20,110	1390,086	472,953	127,526	768,180	57,550	1426,210	15,356	
HI 31-1	-	-	-	-	-	-	-	779,622	1493,034	193,185	421,772	368,066	2476,057	37,971	
HI 31-2	36,532	65,884	7,358	44,672	10,909	128,824	41,778	779,622	1493,034	193,185	421,772	368,066	2476,057	37,971	
HI 31-3	197,022	268,903	35,605	95,265	69,822	469,595	30,521	779,622	1493,034	193,185	421,772	368,066	2476,057	37,971	
HI 31-4	154,132	261,651	37,273	112,794	128,826	540,544	41,057	779,622	1493,034	193,185	421,772	368,066	2476,057	37,971	
HI 31-5	176,949	237,616	37,701	60,768	158,508	494,594	34,360	779,622	1493,034	193,185	421,772	368,066	2476,057	37,971	
HI 31-6	214,987	658,980	75,247	108,273	-	842,500	44,329	779,622	1493,034	193,185	421,772	368,066	2476,057	37,971	
HI 32-1	485,028	492,405	140,788	130,285	291,002	1054,480	28,284	850,799	1040,635	280,060	326,557	349,319	1996,571	29,967	
HI 32-2	365,771	548,230	139,272	196,272	58,317	962,091	32,139	850,799	1040,635	280,060	326,557	349,319	1996,571	29,967	
HI 33-1	28,222	17,821	1,180	12,911	66,639	98,551	34,015	1610,294	1768,085	327,493	753,445	127,360	2976,384	24,375	
HI 33-2	86,513	120,303	15,490	138,245	36,130	310,168	41,880	1610,294	1768,085	327,493	753,445	127,360	2976,384	24,375	
HI 33-3	68,430	124,929	18,088	113,497	7,056	263,570	44,051	1610,294	1768,085	327,493	753,445	127,360	2976,384	24,375	
HI 33-4	279,226	332,814	64,756	105,818	3,864	507,252	23,900	1610,294	1768,085	327,493	753,445	127,360	2976,384	24,375	
HI 33-5	536,990	613,779	119,781	200,579	13,671	967,810	23,372	1610,294	1768,085	327,493	753,445	127,360	2976,384	24,375	
HI 33-6	610,913	558,440	108,197	182,395	-	849,033	19,623	1610,294	1768,085	327,493	753,445	127,360	2976,384	24,375	
HI 34-1	82,319	32,607	7,273	120,291	7,287	167,457	25,460	483,776	147,387	50,293	499,313	11,131	708,123	20,802	
HI 34-2	401,457	114,780	43,020	379,022	3,844	540,666	19,616	483,776	147,387	50,293	499,313	11,131	708,123	20,802	
HI 35-1	9,795	24,137	-	15,374	78,693	118,205	104,355	573,194	816,927	121,726	335,244	305,713	1579,611	33,786	
HI 35-2	47,523	31,640	-	-	31,640	10,998	47,523	31,640	10,998	47,523	31,640	31,640	10,998	-	
HI 35-3	77,985	178,886	17,716	34,041	57,371	288,015	40,979	573,194	816,927	121,726	335,244	305,713	1579,611	33,786	
HI 35-4	485,414	613,904	104,009	285,828	169,649	1173,391	30,604	573,194	816,927	121,726	335,244	305,713	1579,611	33,786	
HI 36-1	73,263	65,068	12,140	172	3,069	80,449	16,080	629,786	1146,118	221,382	260,373	3,069	1630,942	28,839	
HI 36-2	113,534	220,540	23,095	201	-	243,836	24,662	629,786	1146,118	221,382	260,373	3,069	1630,942	28,839	
HI 100-1	1115,828	4434,098	-	-	-	4434,098	40,521	5922,881	10448,310	-	-	-	10448,310	23,456	
HI 100-2	2833,210	3644,692	-	-	-	3644,692	18,460	5922,881	10448,310	-	-	-	10448,310	23,456	
HI 100-3	1973,843	2369,520	-	-	-	2369,520	17,503	5922,881	10448,310	-	-	-	10448,310	23,456	
HI 101-1	35,412	-	-	-	-	-	-99999,000	35,412	-	-	-	-	-99999,000	-	
HI 102-1	49,767	11,310	-	-	-	11,310	4,039	49,767	11,310	-	-	-	11,310	4,039	
HI 103-1	33,558	100,788	-	-	-	100,788	34,787	33,558	100,788	-	-	-	100,788	34,787	
HI 104-1	24,747	45,963	-	-	-	45,963	24,802	24,747	45,963	-	-	-	45,963	24,802	
HI 105-1	44,599	-	-	-	-	-	-99999,000	44,599	-	-	-	-	-99999,000	-	
HI 106-1	13,016	8,514	-	-	-	8,514	9,876	13,016	8,514	-	-	-	8,514	9,876	
HI 110-1	411,673	192,683	-	92,154	-	284,837	10,706	2318,288	817,933	-	371,014	-	1188,947	7,742	
HI 110-2	1474,057	373,206	-	163,462	-	536,668	4,923	2318,288	817,933	-	371,014	-	1188,947	7,742	
HI 110-3	432,557	252,044	-	115,398	-	367,443	12,979	2318,288	817,933	-	371,014	-	1188,947	7,742	
HI 111-1	807,270	780,264	-	71,309	-	851,573	15,578	807,270	780,264	-	71,309	-	851,573	15,578	
HI 112-1	414,510	450,324	-	37,691	-	488,016	17,116	414,510	450,324	-	37,691	-	488,016	17,116	
HI 113-1	462,598	774,499	-	-	-	774,499	22,681	462,598	774,499	-	-	-	774,499	22,681	
HI 114-1	131,997	269,548	-	-	-	269,548	24,809	131,997	269,548	-	-	-	269,548	24,809	

## **(CASE 2)**

MA 1-1	347,542	222,649	59,183	513,398	35,006	830,436	32,368	709,108	365,896	110,985	749,850	53,170	1279,901	25,680
MA 1-2	361,566	143,047	51,802	236,452	18,164	469,465	18,496	709,108	365,896	110,985	749,850	53,170	1279,901	25,680
MR 1-1	37,592	204,612	19,873	120,847	-	345,331	88,161	1504,582	3609,932	496,973	1399,020	716,237	6222,162	49,746
MR 1-2	146,724	506,019	55,269	179,928	121,482	862,697	64,779	1504,582	3609,932	496,973	1399,020	716,237	6222,162	49,746
MR 1-3	165,852	927,621	104,731	282,036	50,841	1365,229	82,449	1504,582	3609,932	496,973	1399,020	716,237	6222,162	49,746
MR 1-4	596,532	1321,366	180,899	700,368	425,589	2828,222	52,144	1504,582	3609,932	496,973	1399,020	716,237	6222,162	49,746
MR 1-5	557,882	650,314	136,201	115,841	118,326	1020,682	25,989	1504,582	3609,932	496,973	1399,020	716,237	6222,162	49,746
MR 2-1	544,177	255,201	144,606	495,148	10,786	905,740	23,860	561,459	263,151	146,219	508,604	10,786	928,761	23,735
MR 2-2	17,281	7,950	1,614	13,457	-	23,021	19,650	561,459	263,151	146,219	508,604	10,786	928,761	23,735
MR 3-1	187,988	18,605	40,988	-	795	60,389	1,742	1602,952	169,463	567,850	133,349	795	871,457	7,098
MR 3-2	119,743	12,559	53,323	13,587	-	79,468	9,442	1602,952	169,463	567,850	133,349	795	871,457	7,098
MR 3-3	1295,221	138,299	473,539	119,762	-	731,600	7,531	1602,952	169,463	567,850	133,349	795	871,457	7,098
MR 4-1	262,943	209,888	36,408	246,968	166,248	659,512	35,740	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-2	254,224	307,687	56,636	111,351	49,906	525,579	28,765	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-3	720,124	520,838	170,468	259,020	74,595	1024,920	20,905	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-4	161,827	155,740	37,289	8,681	1,767	203,478	18,735	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-5	610,178	335,812	82,362	14,219	155,445	587,838	14,438	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-6	258,145	199,185	45,110	229,065	64,760	538,119	28,960	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-7	3,627	1,046	220	181	1,609	3,056	12,520	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-8	140,897	127,807	29,977	16,204	24,619	198,607	20,774	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-9	130,708	54,320	12,793	5,722	85,116	157,951	18,046	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 4-10	305,098	143,301	33,627	14,160	166,047	357,135	17,509	2827,769	2055,624	504,890	905,571	790,112	4256,197	21,987
MR 5-1	428,780	499,409	89,614	431,662	80,029	1100,714	34,066	813,937	558,639	158,545	736,245	83,941	1537,371	26,480
MR 5-2	385,157	59,229	68,931	304,583	3,912	436,656	16,919	813,937	558,639	158,545	736,245	83,941	1537,371	26,480
MR 6-1	475,805	567,310	192,822	321,873	587,896	1669,901	43,834	1213,808	821,172	591,118	468,981	593,703	2474,974	28,343
MR 6-2	669,831	181,758	383,892	49,165	-	614,815	13,745	1213,808	821,172	591,118	468,981	593,703	2474,974	28,343
MR 6-3	68,172	72,105	14,403	97,943	5,807	190,258	36,332	1213,808	821,172	591,118	468,981	593,703	2474,974	28,343
MR 7-1	573,968	44,786	114,575	32,757	4,351	196,469	2,462	573,968	44,786	114,575	32,757	4,351	196,469	2,462
MR 8-1	607,340	188,954	105,617	13,681	27,437	335,688	7,263	1959,952	1339,398	631,772	13,681	27,437	2012,287	15,403
MR 8-2	1352,612	1150,444	526,155	-	-	1676,599	18,473	1959,952	1339,398	631,772	13,681	27,437	2012,287	15,403
PL 1-1	15,569	11,392	2,815	831	-	15,038	14,490	3475,894	5264,917	1206,541	591,403	384,740	7447,600	29,441
PL 1-2	346,968	769,567	139,009	38,737	28,437	975,748	36,610	3475,894	5264,917	1206,541	591,403	384,740	7447,600	29,441
PL 1-3	1102,237	2320,495	411,694	108,918	199,053	3040,159	36,074	3475,894	5264,917	1206,541	591,403	384,740	7447,600	29,441
PL 1-4	114,575	310,850	55,150	20,426	18,490	404,617	43,837	3475,894	5264,917	1206,541	591,403	384,740	7447,600	29,441
PL 1-5	993,219	1451,566	288,424	276,649	114,814	2131,454	29,456	3475,894	5264,917	1206,541	591,403	384,740	7447,600	29,441
PL 1-6	903,326	401,047	309,450	165,842	24,246	880,585	14,623	3475,894	5264,917	1206,541	591,403	384,740	7447,600	29,441
PL 2-1	13,932	59,705	6,956	6,811	-	73,472	57,854	1048,119	2858,482	370,133	814,347	618,023	4660,985	51,733
PL 2-2	371,289	1690,554	198,915	260,565	257,794	2407,828	68,150	1048,119	2858,482	370,133	814,347	618,023	4660,985	51,733
PL 2-3	369,539	829,434	112,949	422,983	240,784	1666,149	50,930	1048,119	2858,482	370,133	814,347	618,023	4660,985	51,733
PL 2-4	293,360	278,768	51,313	123,989	119,446	573,536	27,262	1048,119	2858,482	370,133	814,347	618,023	4660,985	51,733
PL 3-1	310,121	239,720	55,283	100,600	59,966	455,568	21,446	1699,751	458,037	428,310	100,600	64,554	1051,501	8,622
PL 3-2	479,651	31,607	56,642	-	4,588	92,837	-2,457	1699,751	458,037	428,310	100,600	64,554	1051,501	8,622
PL 3-3	909,980	186,710	316,386	-	-	503,096	7,295	1699,751	458,037	428,310	100,600	64,554	1051,501	8,622
PL 4-1	507,853	180,000	94,879	-	10,615	285,494	7,529	2478,723	1308,714	646,627	-	17,181	1972,522	11,781
PL 4-2	1659,902	959,966	462,802	-	-	1622,768	12,788	2478,723	1308,714	646,627	-	17,181	1972,522	11,781
PL 4-3	310,968	168,767	88,947	-	6,366	264,260	12,660	2478,723	1308,714	646,627	-	17,181	1972,522	11,781
PL 5-1	662,229	36,989	84,573	1018	5,425	127,006	,463	2569,210	212,225	1001,462	31,274	5,425	1250,386	5,917
PL 5-2	2106,980	175,236	916,889	31,256	-	1123,381	6,907	2569,210	212,225	1001,462	31,274	5,425	1250,386	5,917
PL 6-1	777,319	361,217	131,902	59,106	57,853	610,078	11,596	1498,880	449,894	368,493	106,706	57,853	982,946	9,335
PL 6-2	721,561	88,677	236,591	47,600	-	372,868	6,603	1498,880	449,894	368,493	106,706	57,853	982,946	9,335
PL 7-1	194,769	233,723	44,000	150,710	-	428,432	30,056	194,769	233,723	44,000	150,710	-	428,432	30,056
PL 8-1	264,180	31,653	87,784	1,492	-	120,929	5,318	264,180	31,653	87,784	1,492	-	120,929	5,318
RD 1-1	286,925	176,373	63,526	246,420	17,886	504,203	25,253	286,925	176,373	63,524	246,420	17,886	504,203	25,253
RD 2-1	522,778	136,704	62,070	266,861	52,678	518,314	14,869	1355,314	339,794	155,404	784,063	107,149	1386,410	15,348
RD 2-2	562,882	91,261	54,314	231,605	26,913	404,094	10,383	1355,314	339,794	155,404	784,063	107,149	1386,410	15,348
RD 2-3	269,653	111,829	39,020	285,596	27,557	464,002	24,825	1355,314	339,794	155,404	784,063	107,149	1386,410	15,348
RD 3-1	732,826	63,057	93,568	66,511	7,854	230,990	1,663	1339,388	134,892	186,749	191,047	28,664	541,353	3,988
RD 3-2	279,938	8,751	51,895	112,090	2,183	174,919	8,697	1339,388	134,892	186,749	191,047	28,664	541,353	3,988
RD 3-3	326,624	63,984	41,286	12,447	18,627	135,445	4,212	1339,388	134,892	186,749	191,047	28,664	541,353	3,988
CA 1-1	63,115	39,492	8,435	272,629	17,538	338,093	62,021	2362,295	770,669	346,828	888,042	94,861	2100,400	13,263
CA 1-2	552,515	265,617	84,154	181,819	29,997	561,587	15,250	2362,295	770,669	346,828	888,042	94,861	2100,400	13,263
CA 1-3	1075,152	191,330	150,704	204,136	20,34									

PA 1-5	84,083	413,336	53,175	212,682		679,193	82,013	635,684	9525,346	954,689	2206,259	1062,159	13748,450	153,649	
PA 1-6	198,356	71,331	18,725	64,171		71,331	62,472	1336,917	10758,090	954,689	2206,259	1062,159	13748,450	153,649	
PA 1-7	35,952	145,292	35,739	118,343		35,739	5,84	1336,917	10758,090	954,689	2206,259	1062,159	13748,450	153,649	
PA 1-8	41,281	531,225	74,970	118,343		724,538	111,011	635,684	9525,346	954,689	2206,259	1062,159	13748,450	153,649	
PA 1-9	154,508	3321,157	342,772	672,126	249,353	4585,409	183,462	635,684	9525,346	954,689	2206,259	1062,159	13748,450	153,649	
PA 1-10	378,858	1889,953	26,442	2,819	6,403	74,878	110,541	98,645	635,684	9525,346	954,689	2206,259	1062,159	13748,450	153,649
PA 1-11	10,619	1790,735	178,317	514,692		1790,735	104,087	1336,917	10758,090	954,689	2206,259	1062,159	13748,450	153,649	
PA 2-1	252,373	1393,504				2086,513	83,502	440,140	1823,394	247,513	819,126	31,789	2921,823	71,478	
PA 2-2	54,460	104,295	16,730	61,756	9,090	191,871	44,461	440,140	1823,394	247,513	819,126	31,789	2921,823	71,478	
PA 2-3	133,307	325,595	52,466	242,678	22,700	643,439	56,570	440,140	1823,394	247,513	819,126	31,789	2921,823	71,478	
PA 3-1	75,243	74,901	20,449	86,501	9,877	191,728	34,427	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-2	211,169	633,731	137,405	297,538	44,662	1113,336	60,514	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-3	260,436	554,817	155,909	225,582	35,089	971,397	46,576	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-4	90,953	227,275	45,437	383,314	4,034	660,060	78,447	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-5	77,638	95,790	12,123	99,565	119,440	326,918	51,487	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-6	129,090	5,444	26,441			31,886	763	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-7	620,914	25,556	188,827	65,125		279,507	4,955	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-8	975,091	40,149	323,835	107,343		471,326	5,698	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 3-9	347,175	92,027	34,044	37,039	97,784	260,893	11,002	2787,709	1749,689	944,669	1302,007	310,885	4307,051	22,603	
PA 4-1	72,625	61,135	8,025	226,397	148,679	444,237	67,221	189,792	225,148	29,668	344,552	173,309	772,677	49,639	
PA 4-2	117,168	164,013	21,642	118,155	24,630	328,440	37,124	189,792	225,148	29,668	344,552	173,309	772,677	49,639	
PA 4-3								189,792	225,148	29,668	344,552	173,309	772,677	49,639	
PA 4-4								189,792	225,148	29,668	344,552	173,309	772,677	49,639	
PA 5-1	94,678	1715,669	40,319	102,346		1858,334	130,342	602,257	2318,498	131,037	746,273	119,116	3314,924	58,949	
PA 5-2	38,916	19,570	3,754	67,804		91,128	32,513	602,257	2318,498	131,037	746,273	119,116	3314,924	58,949	
PA 5-3	132,515	156,602	20,584	198,849	60,420	436,455	42,349	602,257	2318,498	131,037	746,273	119,116	3314,924	58,949	
PA 5-4	195,636	126,185	23,225	143,085	50,034	342,529	25,173	602,257	2318,498	131,037	746,273	119,116	3314,924	58,949	
PA 5-5	140,512	300,472	43,154	234,189	8,662	586,477	50,898	602,257	2318,498	131,037	746,273	119,116	3314,924	58,949	
PA 6-1	44,965	352,675	37,489	109,224		499,388	109,357	219,234	1880,958	194,430	609,808	256,221	2941,417	122,677	
PA 6-2	141,592	1640,627				1640,627	101,693	261,734	2024,860	194,430	609,808	256,221	2941,417	122,677	
PA 6-3	35,185	964,097	99,299	39,208		1102,604	212,734	219,234	1880,958	194,430	609,808	256,221	2941,417	122,677	
PA 6-4	120,142	384,233				384,233	33,368	261,734	2024,860	194,430	609,808	256,221	2941,417	122,677	
PA 6-5	139,085	564,186	57,642	461,375	256,221	1339,424	93,498	261,734	2024,860	194,430	609,808	256,221	2941,417	122,677	
PA 7-1	129,037	316,432	50,961	197,084	30,965	595,441	55,260	634,510	1083,655	193,536	511,313	109,265	1897,769	39,408	
PA 7-2	70,644	231,031	38,314	146,495		415,640	66,277	634,510	1083,655	193,536	511,313	109,265	1897,769	39,408	
PA 7-3	343,315	392,362	73,374	115,334	78,300	659,370	27,372	634,510	1083,655	193,536	511,313	109,265	1897,769	39,408	
PA 7-4	91,513	143,831	30,887	52,399		227,117	33,900	634,510	1083,655	193,536	511,313	109,265	1897,769	39,408	
PA 8-1	42,611	219,410	39,429	442,375		701,214	135,397	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 8-2	123,086	1244,007				1244,087	98,466	481,032	2911,837				2911,837	63,503	
PA 8-3	115,396	555,393	60,036	332,959	156,052	1104,441	90,415	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 8-4	357,946	1667,750				1667,750	49,398	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 8-5	186,848	251,268	33,152	253,278	270,609	1686,304	52,660	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 8-6	125,072	192,695	28,368	129,774	97,279	448,117	45,510	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 8-7	72,865	164,225	24,188	108,683	11,412	308,508	51,812	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 8-8	106,628	126,033	15,597	69,381	143,957	354,967	42,685	649,419	1509,025	200,769	1336,451	679,309	3725,555	64,589	
PA 9-1	29,154	56,084	11,841	23,281		91,206	40,569	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 9-2	71,402	124,312	26,115	51,323		201,750	37,439	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 9-3	364,027	663,684	148,294	135,321	101,643	1248,943	43,347	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 9-4	233,697	261,109	48,180	70,548	166,250	566,088	31,946	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 9-5	124,287	132,454	22,836	89,912	56,056	301,258	32,913	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 9-6	277,077	277,054	37,279	148,097	366,945	829,375	38,990	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 9-7	13,768	70,985	8,244	90,197		169,426	109,505	1113,411	1785,682	302,790	608,680	690,895	3388,047	39,503	
PA 10-1	189,322	336,935	50,184	288,700	40,205	716,024	47,133	320,129	425,663	60,708	477,907	476,845	1441,123	53,583	
PA 10-2	130,807	88,727	10,524	189,208	436,640	725,099	62,263	320,129	425,663	60,708	477,907	476,845	1441,123	53,583	
PA 11-1	91,128	53,574	10,935	57,764		122,273	19,902	726,379	382,243	152,604	481,607	39,140	1055,594	21,386	
PA 11-2	202,680	149,550	43,655	216,324	33,778	443,306	30,416	726,379	382,243	152,604	481,607	39,140	1055,594	21,386	
PA 11-3	138,757	12,201	22,955	40,331	4,456	75,942	7,137	726,379	382,243	152,604	481,607	39,140	1055,594	21,386	
PA 11-4	293,814	166,918	75,059	167,188	4,906	414,072	20,788	726,379	382,243	152,604	481,607	39,140	1055,594	21,386	
PA 12-1	182,754	71,275	37,792	179,961		289,029	23,039	735,074	284,627	103,867	578,613	4,245	971,352	19,605	
PA 12-2	236,966	60,701	16,604	295,963		373,267	22,928	735,074	284,627	103,867	578,613	4,245	971,352	19,605	
PA 12-3	315,354	152,651	49,471	102,690	4,245	309,056	14,695	735,074	284,627	103,867	578,613	4,245	971,352	19,605	
PA 13-1	90,814	147,449	20,028	241,820	12,480	421,777	60,964	652,135	448,695	104,342	453,766	31,760	1038,543	24,170	

PA 110-1	635,674	3497,112				3497,112	54,353	635,674	3497,112					3497,112	54,353			
GU 1-1	125,354	79,672	17,696	239,577		336,945	36,153	960,816	296,869	112,648	512,244	20,045	941,805	14,695				
GU 1-2	334,189	51,659	36,226	48,713	10,407	147,005	4,753	960,816	296,869	112,648	512,244	20,045	941,805	14,695				
GU 1-3	116,293	24,364	12,848	13,356	6,110	56,678	5,840	960,816	296,869	112,648	512,244	20,045	941,805	14,695				
GU 1-4	384,981	141,174	45,877	210,598	3,528	401,178	15,640	960,816	296,869	112,648	512,244	20,045	941,805	14,695				
GU 2-1	201,759	87,478	33,737	167,339		288,554	21,119	201,759	87,478	33,737	167,339		288,554	21,119				
WE 1-1	178,072	3239,080				3239,080	145,190	1241,925	7933,232	164,684	396,226	43,638	195,613	163,381	7933,232	56,699		
WE 1-2	19,782	34,503	3,749	15,468	91,189	144,908	75,291	1241,925	7933,232	164,684	396,226	43,638	195,613	163,381	7933,232	56,699		
WE 1-3	920,966	3172,025				3172,025	34,827	1241,925	7933,232	164,684	396,226	43,638	195,613	163,381	7933,232	56,699		
WE 1-4	142,887	1522,127				1522,127	98,487	1241,925	7933,232	164,684	396,226	43,638	195,613	163,381	7933,232	56,699		
WE 1-5	144,904	361,723	39,890	180,145	72,193	653,950	53,888	1241,925	7933,232	164,684	396,226	43,638	195,613	163,381	7933,232	56,699		
WE 2-1	-	-	-	-	-	-	-	1241,925	7933,232	164,684	396,226	43,638	195,613	163,381	7933,232	56,699		
WE 2-2	-	-	-	-	-	-	-	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733		
WE 2-3	197,263	2411,245				2411,245	111,350	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733		
WE 2-4	223,402	966,221				966,221	50,436	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733		
WE 2-5	28,313	566,379	49,174	200,742		816,295	241,374	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733		
WE 2-6	452,275	1377,222				1377,222	31,887	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733		
WE 2-7	7,793	537,821				58,283	58,284	78,432	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733	
WE 3-1	-	-	-	-	-	537,821	17,956	1304,942	5272,509	36,105	566,379	49,174	200,742	58,283	5272,509	45,733		
WE 3-2	-	-	-	-	-	-	-	30,411	126,753	14,965	169,684	-	311,403	97,718	-	-		
WE 3-3	30,411	126,753	14,965	169,684		311,403	97,718	30,411	126,753	14,965	169,684	-	311,403	97,718	-	-		
WE 4-1	45,129	276,650	31,457	304,712		612,820	114,886	60,403	395,516	47,653	495,375	-	938,544	125,121	-	-		
WE 4-2	182,140	31,164	8,277	69,910		317,164	22,967	626,615	2263,514	130,501	162,997	60,403	395,516	47,653	495,375	2263,514	37,053	
WE 4-3	5,482	52,314	8,277	69,910		1221,739	33,663	626,615	2263,514	195,222	145,048	60,403	395,516	47,653	495,375	2263,514	37,053	
WE 4-4	375,342	1281,739	66,551	7,918	120,753	724,612	77,901	626,615	2263,514	724,612	80,340	565,179	1192,507	183,678	437,162	61,431	1874,778	41,850
WE 4-5	9,792	11,711	1,311	100,179	1,472	114,674	80,340	565,179	1192,507	183,678	437,162	61,431	1874,778	41,850	-	-	-	
WE 5-1	14,725	11,711	1,311	100,179	1,472	114,674	80,340	565,179	1192,507	183,678	437,162	61,431	1874,778	41,850	-	-	-	
WE 5-2	209,348	452,157	75,743	140,472	29,768	698,140	42,003	565,179	1192,507	183,678	437,162	61,431	1874,778	41,850	-	-	-	
WE 5-3	341,106	728,639	106,624	196,510	30,191	1061,964	39,781	565,179	1192,507	183,678	437,162	61,431	1874,778	41,850	-	-	-	
WE 6-1	68,813	127,558	19,734	193,432		340,724	58,216	684,612	410,854	279,244	682,251	54,470	1426,819	29,953	-	-	-	
WE 6-2	253,729	115,926	57,208	61,834	26,931	261,899	15,534	684,612	410,854	279,244	682,251	54,470	1426,819	29,953	-	-	-	
WE 6-3	362,071	167,370	202,302	426,984	27,539	824,196	32,349	684,612	410,854	279,244	682,251	54,470	1426,819	29,953	-	-	-	
WE 7-1	526,568	964,567	263,667	357,732	28,510	1614,476	39,727	526,568	964,567	263,667	357,732	28,510	1614,476	39,727	-	-	-	
WE 8-1	69,893	120,911	15,560	634,928	85,794	857,193	111,111	801,541	1200,976	218,229	1131,672	138,826	2689,704	42,272	-	-	-	
WE 8-2	240,789	206,745	40,424	142,020	28,840	418,028	24,855	801,541	1200,976	218,229	1131,672	138,826	2689,704	42,272	-	-	-	
WE 8-3	490,859	873,321	162,246	354,725	24,192	1414,483	36,967	801,541	1200,976	218,229	1131,672	138,826	2689,704	42,272	-	-	-	
WE 9-1	92,338	152,065	16,644	136,493	9,018	294,220	41,365	292,104	444,253	64,714	314,843	72,795	896,604	39,456	-	-	-	
WE 9-2	101,971	81,773	12,951	29,298	45,007	169,029	23,685	292,104	444,253	64,714	314,843	72,795	896,604	39,456	-	-	-	
WE 9-3	20,619	119,002	13,170	97,376		229,549	101,431	292,104	444,253	64,714	314,843	72,795	896,604	39,456	-	-	-	
WE 9-4	77,177	111,412	21,949	51,675	18,770	203,806	34,502	292,104	444,253	64,714	314,843	72,795	896,604	39,456	-	-	-	
WE 10-1	66,717	73,456	9,885	67,613	11,943	162,898	33,438	200,297	332,565	43,191	342,493	134,451	852,701	51,457	-	-	-	
WE 10-2	-	-	-	-	-	-	-	200,297	332,565	43,191	342,493	134,451	852,701	51,457	-	-	-	
WE 10-3	-	-	-	-	-	-	-	200,297	332,565	43,191	342,493	134,451	852,701	51,457	-	-	-	
WE 10-4	41,870	42,796	5,755	45,476	107,575	201,603	56,645	200,297	332,565	43,191	342,493	134,451	852,701	51,457	-	-	-	
WE 10-5	91,711	216,312	27,551	229,404	14,933	488,200	60,620	200,297	332,565	43,191	342,493	134,451	852,701	51,457	-	-	-	
WE 11-1	33,405	30,902	10,643	340,486		382,031	106,267	480,740	1015,323	126,756	857,724	86,369	2086,171	52,240	-	-	-	
WE 11-2	82,719	409,512	14,351	95,099	54,140	573,102	73,554	480,740	1015,323	126,756	857,724	86,369	2086,171	52,240	-	-	-	
WE 11-3	219,958	233,590	52,761	277,774	25,327	589,453	35,943	480,740	1015,323	126,756	857,724	86,369	2086,171	52,240	-	-	-	
WE 11-4	144,657	341,318	49,000	144,365	6,902	541,586	46,133	480,740	1015,323	126,756	857,724	86,369	2086,171	52,240	-	-	-	
WE 12-1	195,800	162,128	60,490	-	-	222,626	17,013	341,805	687,543	99,644	241,587	76,802	1105,576	41,562	-	-	-	
WE 12-2	130,406	419,792	35,780	205,814	58,298	719,684	62,723	341,805	687,543	99,644	241,587	76,802	1105,576	41,562	-	-	-	
WE 12-3	15,599	105,624	3,365	35,773	18,504	163,266	98,039	341,805	687,543	99,644	241,587	76,802	1105,576	41,562	-	-	-	
WE 13-1	11,612	43,538	4,680	-	-	48,219	49,942	11,612	43,538	4,680	-	-	48,219	49,942	-	-	-	
WE 14-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WE 15-1	623,492	13,446	92,154	10,650	1,032	117,282	-2,710	623,492	13,446	92,154	10,650	1,032	117,282	-2,710	-	-	-	
WE 16-1	881,246	383,817	176,801	296,617	42,857	900,092	15,319	881,246	383,817	176,801	296,617	42,857	900,092	15,319	-	-	-	
WE 17-1	773,073	117,540	112,497	369,381	3,302	602,720	11,495	773,073	117,540	112,497	369,381	3,302	602,720	11,495	-	-	-	
WE 110-1	894,977	3535,623	-	-	44,515	-	3580,138	46,100	1794,415	8553,316	-	90,004	-	8643,320	53,089	-	-	
WE 110-2	899,437	5017,692	-	-	45,489	-	5063,182	59,562	1794,415	8553,316	-	90,004	-	8643,320	53,089	-	-	
CE 1-1	7,116	384,068	14,219	544,657	-	964,945	396,836	227,787										

CE 3-1	140,894	702,523	74,585	132,666	158,028	1067,802	72,774	193,203	959,861	101,975	188,993	158,028	1408,858	70,740	
CE 3-2	325,583	433,238	27,391	56,327	-	341,056	65,098	193,203	959,861	101,975	188,993	158,028	1408,858	70,740	
CE 4-1	52,309	257,338	27,391	56,327	-	341,056	65,098	193,203	959,861	101,975	188,993	158,028	1408,858	70,740	
CE 4-2	189,269	355,405	214,366	174,671	6,140	562,435	23,439	514,852	788,642	214,366	174,671	6,140	562,435	21,089	
CE 5-1	1088,338	2304,589	531,318	599,461	1009,263	4444,631	47,915	1088,338	2304,589	531,318	599,461	1009,263	4444,631	47,915	
CE 6-1	8,403	13,107	1,634	19,992	11,949	46,682	63,270	80,770	209,756	29,324	261,691	11,949	512,719	70,124	
CE 6-2	72,367	196,649	27,690	241,699	-	466,037	70,897	80,770	209,756	29,324	261,691	11,949	512,719	70,124	
CE 7-1	163,230	285,807	67,115	238,435	4,810	596,167	46,487	163,230	285,807	67,115	238,435	4,810	596,167	46,487	
CE 8-1	462,733	237,734	100,550	132,472	29,809	500,565	16,233	972,922	1252,994	293,579	836,796	136,160	2519,530	34,842	
CE 8-2	279,435	458,864	97,423	195,445	106,351	858,083	40,003	972,922	1252,994	293,579	836,796	136,160	2519,530	34,842	
CE 8-3	-	-	-	-	-	-	-	972,922	1252,994	293,579	836,796	136,160	2519,530	34,842	
CE 8-4	230,755	556,396	95,606	508,880	-	1160,882	58,200	972,922	1252,994	293,579	836,796	136,160	2519,530	34,842	
CE 9-1	126,937	213,920	36,624	491,924	5,117	747,584	66,694	722,204	721,933	177,310	712,409	87,302	1698,954	32,361	
CE 9-2	595,267	508,013	140,686	220,485	82,186	951,370	23,253	722,204	721,933	177,310	712,409	87,302	1698,954	32,361	
CE 10-1	462,769	114,757	77,967	90,924	16,191	299,839	9,114	462,769	114,757	77,967	90,924	16,191	299,839	9,114	
CE 11-1	230,322	94,080	41,357	94,648	3,442	233,527	15,215	230,322	94,080	41,357	94,648	3,442	233,527	15,215	
CE 100-1	888,162	2449,256	-	-	-	2449,256	36,436	7002,701	12654,710	-	-	-	12654,710	26,096	
CE 100-2	4121,382	8043,082	-	-	-	8043,082	28,003	7002,701	12654,710	-	-	-	12654,710	26,096	
CE 100-3	1993,157	2162,372	-	-	-	2162,372	16,291	7002,701	12654,710	-	-	-	12654,710	26,096	
CE 101-1	21,087	206,969	-	-	-	206,969	96,330	21,087	206,969	-	-	-	206,969	96,330	
CE 102-1	45,264	353,734	-	-	-	353,734	76,795	45,264	353,734	-	-	-	353,734	76,795	
CE 103-1	79,102	-	-	-	-	-	-99999,000	79,102	-	-	-	-	-99999,000	-	
CE 104-1	79,819	848,472	-	-	-	848,472	103,064	79,819	848,472	-	-	-	848,472	103,064	
CE 105-1	41,815	168,809	-	-	-	168,809	51,563	41,815	168,809	-	-	-	168,809	51,563	
CE 106-1	81,495	267,572	-	-	-	267,572	40,215	81,495	267,572	-	-	-	267,572	40,215	
CE 107-1	82,223	167,267	-	-	-	167,267	28,838	82,223	167,267	-	-	-	167,267	28,838	
BO 1-1	76,441	328,191	33,695	268,448	-	630,334	84,556	823,298	1606,448	245,216	566,711	9,479	2427,853	38,829	
BO 1-2	178,083	663,435	58,243	98,048	5,913	625,638	44,716	823,298	1606,448	245,216	566,711	9,479	2427,853	38,829	
BO 1-3	138,336	232,907	38,364	95,643	-	366,914	35,663	823,298	1606,448	245,216	566,711	9,479	2427,853	38,829	
BO 1-4	358,368	428,302	91,518	81,933	3,566	605,319	24,395	823,298	1606,448	245,216	566,711	9,479	2427,853	38,829	
BO 1-5	72,070	153,612	23,396	22,639	-	199,648	36,677	823,298	1606,448	245,216	566,711	9,479	2427,853	38,829	
BO 2-1	61,590	230,563	27,950	46,793	30,403	335,708	62,348	432,444	1021,289	143,984	170,914	32,716	1368,904	40,979	
BO 2-2	99,786	341,410	34,859	68,021	-	444,289	53,503	432,444	1021,289	143,984	170,914	32,716	1368,904	40,979	
BO 2-3	20,059	61,808	8,502	9,679	-	79,989	48,991	432,444	1021,289	143,984	170,914	32,716	1368,904	40,979	
BO 2-4	251,010	387,509	72,674	46,421	2,313	508,917	28,476	432,444	1021,289	143,984	170,914	32,716	1368,904	40,979	
BO 3-1	74,309	216,963	26,002	41,012	8,918	292,894	49,150	577,007	1108,640	182,246	213,373	11,328	1515,586	35,449	
BO 3-2	99,792	331,332	41,977	64,434	-	437,743	53,264	577,007	1108,640	182,246	213,373	11,328	1515,586	35,449	
BO 3-3	11,111	32,234	4,566	8,843	-	45,643	50,591	577,007	1108,640	182,246	213,373	11,328	1515,586	35,449	
BO 3-4	391,795	528,111	109,701	99,084	2,410	739,306	26,875	577,007	1108,640	182,246	213,373	11,328	1515,586	35,449	
BO 4-1	261,141	520,453	93,301	61,901	-	675,654	34,956	261,141	520,453	93,301	61,901	-	675,654	34,956	
BO 5-1	542,451	412,664	204,971	59,298	6,689	683,622	18,770	542,451	412,664	204,971	59,298	6,689	683,622	18,770	
BO 6-1	281,129	259,695	109,453	33,832	8,770	411,751	21,599	281,129	259,695	109,453	33,832	8,770	411,751	21,599	
BO 7-1	30,986	21,883	4,728	27,687	-	54,298	25,308	30,986	21,883	4,728	27,687	-	54,298	25,308	
BO 8-1	6,671	7,222	1,205	5,421	-	13,848	28,972	6,671	7,222	1,205	5,421	-	13,848	28,972	
SI 1-1	19,920	8,860	1,965	16,890	-	27,715	20,546	226,061	89,912	22,517	102,433	-	214,861	14,239	
SI 1-2	85,969	38,415	9,378	69,421	-	97,214	16,935	226,061	89,912	22,517	102,433	-	214,861	14,239	
SI 1-3	120,172	42,637	11,174	36,122	-	89,932	10,931	226,061	89,912	22,517	102,433	-	214,861	14,239	
LE 1-1	-	-	-	-	-	-	-	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-2	30,006	98,262	7,993	44,674	51,616	202,545	71,061	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-3	69,311	58,378	-	-	-	58,378	12,759	623,907	1772,059	-	-	-	1772,059	30,901	
LE 1-4	20,680	287,274	-	-	-	287,274	-	83,990	623,907	1772,059	-	-	-	1772,059	30,901
LE 1-5	30,118	123,963	10,316	200,395	41,487	376,161	109,982	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-6	133,328	225,637	-	-	-	225,637	22,633	623,907	1772,059	-	-	-	1772,059	30,901	
LE 1-7	72,270	5,163	565	4,664	696,581	706,972	94,113	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-8	400,587	1200,770	-	-	-	1200,770	31,376	623,907	1772,059	-	-	-	1772,059	30,901	
LE 1-9	44,366	-	-	-	-	184,131	60,339	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-10	46,220	60,954	7,319	54,668	61,553	184,494	48,737	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-11	103,154	204,314	25,109	218,197	35,451	483,071	55,003	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-12	146,755	33,401	9,120	111,485	53,977	207,983	20,808	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-13	77,059	14,786	5,306	82,543	7,519	110,154	20,957	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-14	243,920	134,340	20,456	38,929	192,959	386,683	22,930	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 1-15	65,758	13,311	2,693	4,930	42,205	63,219	14,417	859,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 2-1	39,323	116,161	10,937	104,935	67,549	299,582	79,026	858,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 2-2	129,326	317,776	-	-	-	317,776	27,820	634,931	3113,274	188,634	1594,794	952,135	4372,883	78,763	
LE 2-3	158,790	917,066	100,534	467,651	603,536	2088,787	116,962	858,626	688,494	88,876	760,484	1367,559	2905,412	42,763	
LE 2-4	505,605	2795,498	-	-	-	2795,498	53,598	634,931	3113,274	188,634	1594,794				

LE 6-3	464,499	244,893	96,084	153,053	18,088	512,118	16,515	1267,585	446,847	211,155	417,777	64,780	1160,558	13,451
LE 7-1	121,246	107,507	29,229	50,476	-	187,212	22,545	814,852	814,908	204,876	504,011	184,001	1707,797	29,112
LE 7-2	215,416	111,931	46,365	97,375	14,692	270,364	16,670	814,852	814,908	204,876	504,011	184,001	1707,797	29,112
LE 7-3	215,803	224,416	53,803	157,234	99,634	535,087	33,406	814,852	814,908	204,876	504,011	184,001	1707,797	29,112
LE 7-4	262,387	371,054	75,479	198,926	69,675	715,134	35,933	814,852	814,908	204,876	504,011	184,001	1707,797	29,112
LE 8-1	6,245	-	-	-	33,242	33,242	60,719	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-2	33,641	31,795	4,230	72,247	31,232	139,503	50,372	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-3	33,991	18,054	2,649	22,119	41,066	83,889	33,507	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-4	607,982	690,367	118,206	1117,819	645,960	2572,352	50,935	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-5	34,996	32,630	4,490	272,495	57,088	366,702	98,236	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-6	28,041	18,906	2,644	18,601	25,627	65,779	31,928	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-7	27,188	9,711	1,403	10,540	41,865	63,519	31,885	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-8	-	-	-	-	-	-	-	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-9	1,591	1,857	256	9,733	-	11,847	145,331	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 8-10	45,327	9,557	1,324	46,436	114,936	172,253	46,490	818,002	812,877	135,203	1569,990	991,015	3509,086	51,478
LE 9-1	26,556	66,489	9,787	112,496	59,491	248,263	89,378	30,380	76,980	9,787	125,645	69,838	282,250	88,923
LE 9-2	3,824	10,491	-	13,149	10,347	33,986	85,726	30,380	76,980	9,787	125,645	69,838	282,250	88,923
LE 10-1	91,540	2614,354	125,260	206,122	46,475	2992,211	233,690	658,135	3193,902	271,496	468,305	223,514	4157,218	80,386
LE 10-2	185,916	1230,388	1230,388	1230,388	52,278	165,910	1230,388	1230,388	1230,388	1230,388	1230,388	1230,388	1230,388	52,278
LE 10-3	195,437	211,268	36,356	120,438	58,167	428,228	32,090	658,135	3193,902	271,496	468,305	223,514	4157,218	80,386
LE 10-4	371,157	368,281	109,880	141,745	118,873	738,779	27,908	658,135	3193,902	271,496	468,305	223,514	4157,218	80,386
LE 11-1	1054,077	235,173	159,294	230,746	56,932	682,145	9,077	1054,077	235,173	159,294	230,746	56,932	682,145	9,077
LE 12-1	85,271	45,965	18,350	227,888	1,009	293,212	43,721	984,916	97,963	302,132	636,097	1,650	1037,841	15,803
LE 12-2	162,995	8,884	17,565	.001	640	27,090	-3,197	984,916	97,963	302,132	636,097	1,650	1037,841	15,803
LE 12-3	694,867	40,605	262,255	408,208	-	711,068	15,350	984,916	97,963	302,132	636,097	1,650	1037,841	15,803
LE 12-4	41,783	2,509	3,961	-	-	6,471	-3,644	984,916	97,963	302,132	636,097	1,650	1037,841	15,803
LE 13-1	655,331	506,727	148,135	894,927	157,909	1707,698	34,560	1601,789	788,737	329,823	1670,626	206,132	2995,317	26,368
LE 13-2	519,985	142,473	79,718	30,256	27,869	280,316	7,061	1601,789	788,737	329,823	1670,626	206,132	2995,317	26,368
LE 13-3	426,474	139,536	101,971	745,443	20,353	1007,303	31,865	1601,789	788,737	329,823	1670,626	206,132	2995,317	26,368
MS 1-1	37,381	43,971	6,224	70,507	10,698	131,399	44,584	63,844	47,718	6,655	84,296	30,682	169,352	35,647
MS 1-2	26,463	3,748	432	13,789	19,984	37,952	21,171	63,844	47,718	6,655	84,296	30,682	169,352	35,647
MS 2-1	54,959	45,238	7,075	25,306	6,702	84,322	22,363	54,959	45,238	7,075	25,306	6,702	84,322	22,363
MS 2-2	-	-	-	-	-	-	-	54,959	45,238	7,075	25,306	6,702	84,322	22,363
MS 3-1	195,918	131,201	36,244	14,218	6,210	187,872	14,378	510,550	248,534	74,395	25,463	16,170	364,562	10,385
MS 3-2	314,633	117,333	38,151	11,245	9,960	176,690	7,541	510,550	248,534	74,395	25,463	16,170	364,562	10,385
MS 4-1	363,496	136,839	116,667	45,651	15,532	314,689	12,922	1199,570	773,073	273,991	307,112	47,892	1402,069	17,453
MS 4-2	652,897	356,852	108,804	260,906	20,223	746,785	17,109	1199,570	773,073	273,991	307,112	47,892	1402,069	17,453
MS 4-3	183,177	279,382	48,521	5,556	12,137	340,595	26,237	1199,570	773,073	273,991	307,112	47,892	1402,069	17,453
MS 5-1	51,334	50,606	13,023	38,655	3,202	105,487	28,720	249,945	207,105	52,162	123,043	22,287	404,597	23,400
MS 5-2	198,611	156,498	39,140	84,387	19,085	299,110	21,959	249,945	207,105	52,162	123,043	22,287	404,597	23,400
MS 6-1	429,340	201,285	157,250	142,173	2,486	483,194	16,837	429,340	201,285	137,250	142,173	2,486	483,194	16,837
MS 7-1	662,017	144,396	264,754	37,434	-	446,584	10,078	1214,578	276,388	539,810	73,491	-	889,690	10,723
MS 7-2	228,538	51,437	110,209	14,239	-	175,885	11,354	1214,578	276,388	539,810	73,491	-	889,690	10,723
MS 7-3	344,023	80,555	164,847	21,819	-	267,221	11,477	1214,578	276,388	539,810	73,491	-	889,690	10,723
SA 1-1	147,690	107,582	15,210	91,418	197,578	411,789	36,842	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-2	102,452	177,685	25,171	43,675	48,180	294,711	38,029	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-3	389,860	413,037	58,514	91,005	413,654	977,009	34,028	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-4	323,426	742,496	96,034	858,622	230,666	1927,818	67,234	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-5	484,222	1090,684	138,972	898,746	407,543	2535,945	60,752	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-6	163,219	518,140	69,215	464,080	97,684	1149,318	75,481	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-7	340,331	812,541	110,566	810,216	268,569	2001,892	66,046	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 1-8	2,368	12,427	1,486	22,083	-	35,997	126,876	1953,568	3874,592	515,168	3280,646	1664,074	9334,480	56,665
SA 2-1	97,448	101,839	13,068	187,683	48,213	350,803	44,394	604,121	539,992	131,897	841,921	203,940	1717,750	36,725
SA 2-2	274,640	151,865	23,591	421,548	155,727	752,731	35,757	604,121	539,992	131,897	841,921	203,940	1717,750	36,725
SA 2-3	9,409	6,053	1,024	34,433	-	41,510	51,190	604,121	539,992	131,897	841,921	203,940	1717,750	36,725
SA 2-4	222,625	280,235	94,215	198,257	-	572,706	33,796	604,121	539,992	131,897	841,921	203,940	1717,750	36,725
SA 3-1	527,888	761,568	141,754	334,604	8,625	1246,551	32,071	732,839	974,088	181,946	415,874	42,097	1614,006	30,315
SA 3-2	204,952	212,521	40,193	81,270	33,472	367,455	25,579	732,839	974,088	181,946	415,874	42,097	1614,006	30,315
SA 4-1	53,383	30,877	5,373	23,533	3,061	62,843	17,580	316,040	109,444	22,176	100,776	108,480	340,877	16,168
SA 4-2	66,717	5,692	1,231	5,589	49,303	61,815	13,872	316,040	109,444	22,176	100,776	108,480	340,877	16,168
SA 4-3	195,940	72,876	15,572	71,654	56,116	216,218	16,532	316,040	109,444	22,176	100,776	108,480	340,877	16,168
SA 5-1	121,354	169,750	38,528	164,736	15,241	388,255	41,543	1724,974	823,594	592,192	1272,557	166,409	2854,751	23,920

SA 6-6	257,835	218,451	33,429	163,861	299,268	715,009	36,430	3159,558	1874,917	660,563	1870,647	673,052	5079,179	23,175
SA 6-7	269,708	120,202	21,436	94,492	138,482	374,612	20,437	3159,558	1874,917	660,563	1870,647	673,052	5079,179	23,175
SA 6-8	331,988	152,787	28,906	137,734	3,997	323,424	14,612	3159,558	1874,917	660,563	1870,647	673,052	5079,179	23,175
SA 7-1	144,748	68,608	14,166	67,892	-	150,666	15,608	144,748	68,608	14,166	67,892	-	150,666	15,608
SA 8-1	170,257	228,902	57,222	129,140	5,298	420,562	33,156	2343,114	508,533	734,187	443,661	22,890	1709,272	10,653
SA 8-2	468,003	45,391	272,812	109,738	-	427,941	13,689	2343,114	508,533	734,187	443,661	22,890	1709,272	10,653
SA 8-3	1100,765	109,073	306,609	164,340	-	580,022	6,813	2343,114	508,533	734,187	443,661	22,890	1709,272	10,653
SA 8-4	604,090	125,167	97,544	40,444	17,592	280,748	5,520	2343,114	508,533	734,187	443,661	22,890	1709,272	10,653
SA 9-1	159,022	62,247	59,766	1,576	10,887	134,476	12,609	1641,815	741,068	752,592	256,572	21,970	1772,202	16,171
SA 9-2	529,874	244,993	292,762	110,014	-	647,769	18,196	1641,815	741,068	752,592	256,572	21,970	1772,202	16,171
SA 9-3	796,314	359,472	365,457	144,981	-	879,910	16,541	1641,815	741,068	752,592	256,572	21,970	1772,202	16,171
SA 9-4	156,605	64,356	34,607	1,001	11,083	110,047	10,181	1641,815	741,068	752,592	256,572	21,970	1772,202	16,171
CH 1-1	103,278	166,746	26,912	11,562	23,664	228,883	30,997	328,466	403,620	76,658	35,973	41,159	557,410	24,682
CH 1-2	225,188	236,875	49,747	24,411	17,495	328,528	21,575	328,466	403,620	76,658	35,973	41,159	557,410	24,682
HI 1-1	138,179	332,624	38,241	8,854	16,927	396,646	37,854	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-2	129,124	71,876	9,169	3,091	246,404	330,541	34,331	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-3	99,434	178,088	22,435	22,802	139,671	362,997	45,425	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-4	109,385	99,724	11,797	5,130	240,764	357,415	41,573	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-5	143,150	551,655	53,345	22,942	540,562	1168,504	82,960	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-6	375,007	1877,821	-	-	-	1877,821	57,815	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-7	11,873	82,391	7,477	2,547	37,049	129,464	101,362	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-8	28,202	313,877	-	-	-	313,877	104,400	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-9	16,086	52,175	10,136	3,688	-	65,999	48,634	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-10	34,647	62,218	-	-	-	42,218	17,476	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-11	215,916	2876,160	289,839	251,856	-	3417,835	119,671	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-12	579,269	2090,320	-	-	-	2090,320	34,742	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-13	162,617	1742,737	183,520	183,402	-	2109,494	111,696	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-14	391,000	418,234	-	-	-	418,234	15,903	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-15	96,212	1282,788	170,683	183,226	-	1636,697	135,030	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-16	240,087	637,231	-	-	-	637,231	29,477	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-17	360,592	2296,816	218,763	231,421	-	2746,999	78,106	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-18	60,283	548,430	55,123	64,762	-	668,315	100,117	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-19	139,586	146,241	-	-	-	148,241	15,794	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-20	128,606	1168,507	117,073	114,321	-	140,081	98,957	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-21	338,803	352,318	-	-	-	352,318	15,508	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-22	106,040	957,657	100,012	105,142	-	116,212	100,319	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-23	249,872	424,496	-	-	-	424,496	22,484	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-24	255,894	3241,739	397,138	338,817	-	3977,694	123,164	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-25	581,004	8480,848	-	-	-	8480,848	119,943	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-26	77,757	724,949	80,183	151,152	-	956,284	110,225	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-27	252,669	2769,228	-	-	-	2769,228	90,106	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-28	70,597	1339,767	-	-	-	1338,767	146,478	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-29	24,911	310,449	24,589	105,999	-	441,037	138,077	2136,101	16518,760	1789,523	1799,152	1221,378	21328,820	93,117
HI 1-30	53,388	1102,640	-	-	-	1102,640	153,970	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-31	85,720	1466,854	-	-	-	1466,854	146,721	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-32	161,281	2748,870	-	-	-	2748,870	114,051	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-33	81,456	606,188	-	-	-	606,188	60,636	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-34	135,697	223,816	-	-	-	223,816	21,911	3818,287	25041,970	-	-	25041,970	65,714	
HI 1-35	8,510	43,119	6,227	11,117	-	60,463	90,407	26,745	126,929	19,997	59,434	-	206,360	
HI 2-1	189,122	2541,799	-	-	-	2541,799	117,713	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-2	4,135	17,123	2,157	3,713	-	23,192	63,376	26,745	126,929	19,997	59,434	-	206,360	
HI 2-3	415,967	3327,061	-	-	-	3327,061	56,560	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-4	16,100	66,487	11,614	44,604	-	122,704	79,783	26,745	126,929	19,997	59,434	-	206,360	
HI 2-5	240,671	2822,379	-	-	-	2822,979	70,493	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-6	131,369	160,808	-	-	-	160,808	17,721	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-7	488,339	1840,070	-	-	-	1840,070	37,679	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-8	56,361	561,109	-	-	-	561,109	62,266	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-9	206,843	2172,189	-	-	-	2172,189	64,218	1730,216	13962,180	-	-	13962,180	62,422	
HI 2-10	3,345	536,168	-	-	-	536,168	416,721	1730,216	13962,180	-	-	13962,180	62,422	
HI 3-1	170,899	1289,105	-	-	-	1289,105	56,908	1850,260	5252,352	1789,523	1799,152	1221,378	21328,820	93,117
HI 3-2	51,552	597,627	100,863	55,706	26,092	580,288	178,740	574,206	1755,016	1149,694	399,013	113,884	8817,606	156,321
HI 3-3	146,318	563,308	-	-	-	563,308	28,344	1850,260	5252,352	1789,523	1799,152	1221,378	21328,820	93,117
HI 3-4	256,118	3584,267	594,043	105,576	75,047	4363,734	163,757	574,286	1755,016	1149,694	399,013	113,884	8817,606	156,321
HI 3-5	79,264	1099,296	-	-	-	1099,296	19,402	1850,260	5252,352	1789,523	1799,152	1221,378	21328,820	93,117
HI 3-6	133,043	330,027	71,486	21,313	-	422,825	124,950	574,286	1755,016	1149,694	399,013	113,884	8817,606	156,321
HI 3-7	77,526	784,882	119,183	30,162	-	934,227	162,704	574,286	1755,016	1149,694	399,013	113,884	8817,606	156,321
HI 3-8	249,991	1652,141	-	-	-	1652,1								

HI 6-5	319.065	398.439	56.998	35.734	22.761	511.931	24.095	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-6	228.262	272.267	34.023	12.787	18.219	337.296	22.323	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-7	227.487	844.362	179.324	1130.720	87.587	2241.993	93.794	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-8	65.226	206.850	29.755	14.912	-	251.516	47.428	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-9	46.529	189.581	20.382	30.892	98.189	339.044	75.351	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-10	59.929	149.292	15.610	26.204	48.700	239.806	48.640	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-11	375.158	1276.359	184.950	72.779	38.887	1572.974	50.350	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-12	145.689	560.373	82.582	34.336	38.538	715.831	56.810	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-13	196.186	894.713	127.357	51.045	28.706	1101.821	62.888	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-14	331.449	1133.954	177.405	86.077	48.284	1445.720	51.779	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-15	200.949	665.433	102.112	60.863	-	848.408	50.560	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-16	300.632	1252.133	175.837	83.457	43.358	1554.786	58.823	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-17	675.755	2308.741	350.234	62.958	32.250	2754.183	49.005	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-18	327.056	7952.564	891.590	84.052	84.152	9012.358	183.699	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-19	646.717	1077.577	-	-	1077.577	22.232	1258.246	3205.463	-	-	3205.463	28.746	-	-		
HI 6-20	80.770	1902.751	212.711	91.860	157.185	2364.507	140.262	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 6-21	315.731	577.144	-	-	-	577.144	23.286	1258.246	3205.463	-	-	3205.463	28.746	-		
HI 6-22	203.848	111.435	43.021	115.310	21.389	291.154	20.839	4300.982	21430.130	2819.009	2351.426	1417.462	28018.020	69.589		
HI 7-1	24.313	414.465	43.556	47.757	59.494	565.273	171.193	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-2	148.062	1019.525	23.998	2.706	1019.525	59.977	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 7-3	4.879	-	-	-	38.528	38.527	83.204	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-4	36.845	394.078	-	-	44.849	44.889	46.942	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-5	53.997	-	-	-	206.410	206.410	47.477	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-6	48.404	-	-	-	14.278	14.278	1.035	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-7	128.328	205.782	18.056	23.453	276.415	523.707	49.506	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-8	40.578	220.924	19.191	27.712	-	267.827	70.255	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-9	125.194	392.875	-	-	392.875	32.805	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 7-10	57.429	134.656	17.870	30.675	31.731	214.930	90.158	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-11	88.674	211.752	26.970	62.903	551.827	853.452	98.209	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-12	204.498	912.841	-	-	912.841	56.363	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 7-13	15.357	-	-	-	227.719	227.719	134.682	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-14	126.163	2181.584	-	-	2181.584	152.060	-	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-15	19.985	33.426	2.973	9.639	244.536	290.574	124.085	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400		
HI 7-16	294.916	5024.712	-	-	34.668	5024.712	134.402	2856.835	24641.020	-	-	24641.020	74.131	-	-	
HI 7-17	2.650	-	-	-	34.668	113.430	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400	-	-	
HI 7-18	340.265	5392.022	-	-	519.072	102.031	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 7-19	21.597	25.619	2.595	1.752	204.133	236.099	98.280	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400	-	-
HI 7-20	324.245	3023.594	-	-	3023.594	57.802	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 7-21	30.256	227.033	21.912	20.076	-	269.021	57.903	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400	-	-
HI 7-22	61.458	664.513	-	-	-	664.513	54.447	2856.835	24641.020	-	-	24641.020	74.131	-	-	
HI 7-23	30.575	66.821	9.730	23.637	149.822	250.011	80.266	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400	-	-
HI 7-24	226.137	1482.191	-	-	1482.191	43.771	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 7-25	196.105	3599.186	482.033	91.892	106.596	4279.706	173.262	748.767	5163.660	647.592	346.431	2191.045	8348.729	109.400	-	-
HI 7-26	891.402	3556.098	-	-	3556.098	36.881	2856.835	24641.020	-	-	24641.020	74.131	-	-		
HI 8-1	1.272	3.242	-	-	-	3.938	39.567	900.985	2852.790	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 8-2	14.120	-	-	-	43.497	43.497	40.193	893.557	977.817	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 8-3	37.898	11.671	1.423	2.165	195.429	210.688	63.287	893.557	977.817	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 8-4	568.279	668.636	-	-	688.636	17.601	893.557	977.817	160.438	1116.588	261.034	4390.851	56.775	-	-	
HI 8-5	22.634	54.359	11.255	.376	22.108	88.097	47.802	890.985	2852.790	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 8-6	325.277	289.181	-	-	289.181	13.429	893.557	977.817	160.438	1116.588	261.034	4390.851	56.775	-	-	
HI 8-7	664.116	2121.080	57.543	1032.981	-	3211.605	56.603	900.985	2852.790	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 8-8	80.059	315.143	33.040	65.457	-	413.639	57.716	900.985	2852.790	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 8-9	80.085	347.295	56.730	15.360	-	419.385	59.451	893.557	977.817	160.438	1116.588	261.034	4390.851	56.775	-	-
HI 9-1	-	-	-	-	-	-	-	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-2	23.232	-	-	-	133.839	133.839	65.135	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-3	-	-	-	-	-	-	-	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-4	116.045	278.764	32.594	33.704	113.742	458.804	48.629	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-5	-	-	-	-	-	-	-	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-6	19.471	-	-	-	45.944	45.944	32.090	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-7	-	-	-	-	-	-	-	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 9-8	84.983	101.501	15.177	25.796	-	162.473	23.941	243.751	380.265	47.771	59.500	293.525	781.061	41.137	-	-
HI 10-1	178.987	1522.143	170.197	611.658	15.053	2319.052	109.576	622.128	7175.681	764.300	1485.039	1018.105	10443.130	138.307	-	-
HI 10-2	454.848	748.568	-	-	-	748.568	21.947	2143.615	16476.220	764.300	1485.039	1018.105	10443.13			

HI 13-3	38,789	69,131	9,705	61,581	12,000	152,417	48,054	1021,287	2030,172	351,458	261,587	81,935	2745,152	35,499			
HI 13-4	80,979	560,539	66,493	55,064	16,520	698,616	86,389	1021,287	2030,172	351,458	261,587	81,935	2745,152	35,499			
HI 14-1	43,729	293,537	49,917	34,851	-	378,304	96,914	380,569	1329,345	101,918	132,237	187,023	1750,524	58,488			
HI 14-2	282,927	2504,429	66,012	-	13,171	187,023	2504,429	65,317	405,098	3483,266	3483,266	3483,266	64,553	64,553			
HI 14-3	17,734	-	-	-	-	131,205	266,205	124,256	388,569	1329,345	101,918	132,237	187,023	1750,524	58,488		
HI 14-4	122,170	978,777	-	-	-	978,777	62,731	405,098	3483,266	124,256	388,569	1329,345	101,918	132,237	187,023	1750,524	58,488
HI 14-5	141,824	662,716	32,462	60,231	-	755,409	65,746	380,569	1329,345	101,918	132,237	187,023	1750,524	58,488	64,553		
HI 14-6	46,040	100,448	6,495	14,441	-	-	121,384	36,817	380,569	1329,345	101,918	132,237	187,023	1750,524	58,488		
HI 14-7	131,241	206,632	13,045	9,544	-	-	229,222	26,201	380,569	1329,345	101,918	132,237	187,023	1750,524	58,488		
HI 15-1	606,863	418,294	123,647	9,618	-	-	551,560	13,692	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978		
HI 15-2	375,188	251,434	83,056	535,724	-	-	870,214	30,932	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978		
HI 15-3	206,680	132,116	38,030	.006	8,322	178,475	13,018	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-4	262,687	193,252	81,443	394,467	-	669,161	33,353	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-5	574,528	555,106	123,607	101,598	-	780,311	19,775	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-6	596,882	381,804	112,469	102,651	29,354	626,279	15,727	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-7	250,850	23,646	79,974	256,394	-	360,014	21,048	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-8	1583,283	81,854	402,006	418,572	-	902,433	7,683	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-9	87,485	42,487	15,316	.057	3,491	61,352	10,178	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-10	421,643	178,430	114,279	210,524	7,082	510,316	18,013	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-11	129,739	132,773	21,680	130,833	7,280	292,566	30,589	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-12	365,679	932,271	127,956	51,082	-	1111,308	39,184	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 15-13	313,091	1036,828	146,765	168,000	45,576	1397,169	52,743	5774,599	4360,296	1470,229	2379,528	101,106	8311,158	20,978			
HI 16-1	2,286	-	-	-	20,792	20,792	89,805	276,500	796,643	91,358	899,677	398,666	2186,343	80,142			
HI 16-2	272,676	667,832	357,032	42,390	598,965	138,890	1137,278	28,500	272,676	667,832	91,358	899,677	398,666	2186,343	28,500		
HI 16-3	21,937	66,364	7,365	22,325	-	-	96,054	86,837	276,500	796,643	91,358	899,677	398,666	2186,343	80,142		
HI 16-4	124,141	373,247	41,602	278,387	238,983	932,219	51,934	276,500	796,643	91,358	899,677	398,666	2186,343	28,500			
HI 17-1	586,811	446,203	108,045	.181	13,129	567,637	14,496	1341,538	1428,223	373,576	476,710	59,625	2338,134	24,875			
HI 17-2	754,727	981,960	265,532	476,529	46,496	1770,496	31,645	1341,538	1428,223	373,576	476,710	59,625	2338,134	24,875			
HI 18-1	-	-	-	-	-	-	-	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-2	562,791	671,022	128,602	324,719	116,541	1240,884	30,903	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-3	543,500	453,257	87,707	154,133	209,760	904,856	24,023	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-4	189,673	213,045	35,653	121,098	172,125	541,920	37,438	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-5	617,993	1025,020	165,665	108,133	335,817	1634,635	35,255	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-6	1058,403	3320,340	469,280	1007,280	387,435	5184,335	56,820	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-7	720,417	2460,664	346,350	589,468	273,725	3670,208	58,470	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-8	498,235	336,817	100,601	160,027	43,105	640,549	19,089	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-9	487,485	238,093	85,075	439,657	40,701	803,526	23,804	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-10	1103,796	763,430	224,703	387,604	62,616	1438,353	19,304	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-11	658,583	426,358	129,753	656,243	64,095	1276,450	27,304	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 18-12	26,875	30,438	4,615	20,085	-	55,138	28,345	6467,751	9938,483	1778,004	3968,449	1705,920	17390,860	35,734			
HI 19-1	718,788	370,929	150,003	412,198	10,202	963,332	19,149	2094,226	882,687	392,178	1039,825	64,113	2378,803	16,926			
HI 19-2	35,897	17,482	5,577	.017	-	23,076	9,370	2094,226	882,687	392,178	1039,825	64,113	2378,803	16,926			
HI 19-3	87,336	54,134	13,047	186,678	-	253,858	37,678	2094,226	882,687	392,178	1039,825	64,113	2378,803	16,926			
HI 19-4	449,488	94,414	103,861	210,400	-	408,674	13,648	2094,226	882,687	392,178	1039,825	64,113	2378,803	16,926			
HI 19-5	242,742	10,305	28,153	.001	2,810	41,269	-3,425	2094,226	882,687	392,178	1039,825	64,113	2378,803	16,926			
HI 19-6	559,976	335,423	91,538	230,531	51,101	708,594	18,805	2094,226	882,687	392,178	1039,825	64,113	2378,803	16,926			
HI 20-1	38,046	64,841	9,280	23,709	-	97,830	34,840	169,726	210,289	58,904	106,793	-	375,986	30,695			
HI 20-2	131,679	145,448	49,625	83,083	-	278,156	29,463	169,726	210,289	58,904	106,793	-	375,986	30,695			
HI 21-1	134,403	106,802	16,419	47,575	13,704	184,500	20,261	134,403	106,802	16,419	47,575	13,704	184,500	20,261			
HI 22-1	21,497	48,535	5,659	40,238	-	94,433	57,009	110,933	351,160	51,106	280,854	30,790	713,910	73,614			
HI 22-2	89,436	302,625	45,447	240,616	30,790	619,477	77,246	110,933	351,160	51,106	280,854	30,790	713,910	73,614			
HI 23-1	11,686	14,624	2,966	11,823	-	29,413	33,811	903,044	433,871	163,796	433,126	29,478	1060,270	17,518			
HI 23-2	512,843	234,034	89,881	413,371	29,478	766,764	21,795	903,044	433,871	163,796	433,126	29,478	1060,270	17,518			
HI 23-3	378,515	185,213	70,949	7,932	-	264,093	10,094	903,044	433,871	163,796	433,126	29,478	1060,270	17,518			
HI 24-1	119,222	95,319	25,566	117,995	-	238,800	28,079	1436,100	2134,996	374,439	925,661	213,635	3648,731	33,594			
HI 24-2	429,859	1030,487	161,579	494,626	64,103	1750,795	48,673	1436,100	2134,996	374,439	925,661	213,635	3648,731	33,594			
HI 24-3	285,351	368,317	65,170	89,395	56,134	579,016	27,954	1436,100	2134,996	374,439	925,661	213,635	3648,731	33,594			
HI 24-4	601,668	640,873	122,124	223,645	93,399	1080,040	25,210	1436,100	2134,996	374,439	925,661	213,635	3648,731	33,594			
HI 25-1	67,287	441,080	64,395	29,183	-	534,659	81,430	340,486	1149,682	143,806	95,895	-	1389,382	49,900			
HI 25-2	170,664	622,569	-	-	-	622,569	43,363	109,664	622,569	143,806	95,895	-	622,569	43,363			
HI 25-3	184,873	390,201	63,172	61,232	-	514,606	37,350	349,486	1149,682	143,806	95,895	-	1389,382	49,900			
HI 26-1	88,325	318,400	16,238	5,480	-	340,118	46,921	340,486	1149,682	143,806	95,895	-	1389,382	43,363			
HI 26-2	414,197	1502,486	187,412	107,398	36,839	1834,136	53,545	751,547	9430,549	1026,172	461,538	101,838	11020,100	130,172			
HI 26-3	337,344	7928,062	838,760	354,140	64,998	9185,960	189,848	751,541	9430,549	1026,172	461,538	101,838	11020,100	130,172			
HI 27-1	148,560	394,707	51,231	112,787	-	558,725	46,603	2883,676	4946,390	903,942	560,654	153,972	6564,958	31,246			
HI 27-2	448,126	733,368	117,008	159,451	71,984	1081,810	32,743	2883,676	4946,390	903,942	560,654	153,972	6564,958	31,246			
HI 27-3	312,952	266,615	52,123	.005	27,352	346,095	16,567	2883,676	4946,390	903,942	560,654	153,972	6564,958	31,246			
HI 27-4	1281,504	3169,415	464,719	195,													

HI 28-3	183.951	170.068	24,238	236,103	53.850	484,256	35.081	1004,367	314,381	148,168	298,587	61,909	823,045	12,153	
HI 28-4	820,416	144,313	123,930	62,484	8,059	338,787	4,199	1004,367	314,381	148,168	298,587	61,909	823,045	12,153	
HI 29-1	195,027	1914,001	-	-	-	-	1914,001	78,083	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927
HI 29-2	-	-	-	-	-	-	-	-	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927
HI 29-3	25,989	10,170	-	19,118	43,502	72,790	36,834	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927	
HI 29-4	5,145	4,464	1,089	3,350	-	8,904	24,858	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927	
HI 29-5	233,442	57,401	31,608	216,144	1,823	306,976	19,487	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927	
HI 29-6	375,764	69,568	40,500	715	26,394	137,176	3,121	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927	
HI 29-7	847,988	456,348	367,494	325,283	10,013	1159,138	20,126	1488,327	597,952	440,692	564,609	81,731	1684,984	16,927	
HI 30-1	291,381	315,135	56,507	753,531	2,767	1127,940	46,254	1390,084	1048,271	217,661	1252,536	117,581	2636,049	26,498	
HI 30-2	667,265	437,561	102,727	285,377	61,517	887,182	19,591	1390,084	1048,271	217,661	1252,536	117,581	2636,049	26,498	
HI 30-3	281,269	176,035	38,056	40,279	11,686	266,057	14,195	1390,084	1048,271	217,661	1252,536	117,581	2636,049	26,498	
HI 30-4	150,171	119,539	20,371	173,349	41,611	354,871	31,962	1390,084	1048,271	217,661	1252,536	117,581	2636,049	26,498	
HI 31-1	-	-	-	-	-	-	-	779,622	2938,568	334,256	660,960	649,366	4583,151	63,243	
HI 31-2	36,532	123,268	12,304	70,417	18,272	224,260	65,605	779,622	2938,568	334,256	660,960	649,366	4583,151	63,243	
HI 31-3	197,022	537,342	60,052	151,587	123,629	872,610	51,240	779,622	2938,568	334,256	660,960	649,366	4583,151	63,243	
HI 31-4	154,132	497,434	62,941	179,743	228,375	968,493	66,889	779,622	2938,568	334,256	660,960	649,366	4583,151	63,243	
HI 31-5	176,949	490,525	67,796	93,109	279,090	930,520	58,139	779,622	2938,568	334,256	660,960	649,366	4583,151	63,243	
HI 31-6	214,987	1290,001	131,163	166,104	-	1587,268	74,235	779,622	2938,568	334,256	660,960	649,366	4583,151	63,243	
HI 32-1	485,028	1211,297	224,426	203,421	461,885	2101,029	51,304	850,799	2490,489	445,936	514,338	554,618	4005,381	54,576	
HI 32-2	365,771	1279,192	221,510	310,916	92,734	1904,352	58,770	850,799	2490,489	445,936	514,338	554,618	4005,381	54,576	
HI 33-1	28,222	66,456	1,844	20,509	209,525	298,334	89,955	1610,294	5036,486	494,671	1161,831	307,658	7000,646	48,945	
HI 33-2	86,513	278,802	23,721	216,641	57,394	576,560	69,047	1610,294	5036,486	494,671	1161,831	307,658	7000,646	48,945	
HI 33-3	68,430	290,245	27,540	171,699	11,119	500,603	73,437	1610,294	5036,486	494,671	1161,831	307,658	7000,646	48,945	
HI 33-4	279,226	992,754	98,005	166,048	6,489	1263,295	49,910	1610,294	5036,486	494,671	1161,831	307,658	7000,646	48,945	
HI 33-5	536,990	1855,880	182,390	315,864	23,131	2377,264	49,098	1610,294	5036,486	494,671	1161,831	307,658	7000,646	48,945	
HI 33-6	610,913	1552,349	161,171	271,071	-	1984,591	39,527	1610,294	5036,486	494,671	1161,831	307,658	7000,646	48,945	
HI 34-1	82,319	314,800	10,862	204,717	67,633	598,012	63,427	483,776	511,749	75,209	846,883	73,834	1507,675	37,911	
HI 34-2	401,457	196,949	64,346	642,166	6,201	909,662	30,799	483,776	511,749	75,209	846,883	73,834	1507,675	37,911	
HI 35-1	9,795	56,570	-	18,699	113,877	189,146	141,539	573,194	1828,077	213,849	473,026	484,404	2999,356	60,149	
HI 35-2	47,323	198,271	-	-	198,271	39,595	47,323	573,194	1828,077	213,849	473,026	484,404	198,271	38,395	
HI 35-3	77,985	451,727	39,060	54,186	95,682	640,656	75,962	573,194	1828,077	213,849	473,026	484,404	2999,356	60,149	
HI 35-4	485,414	1319,779	174,789	400,141	274,845	2169,555	54,803	573,194	1828,077	213,849	473,026	484,404	198,271	38,395	
HI 36-1	73,263	167,010	18,806	238	4,814	190,867	40,337	629,786	3178,921	341,894	363,880	4,814	3889,508	79,109	
HI 36-2	113,534	614,447	36,247	281	-	650,975	76,358	629,786	3178,921	341,894	363,880	4,814	3889,508	79,109	
HI 36-3	442,989	2397,464	286,841	363,361	-	3047,666	85,219	629,786	3178,921	341,894	363,880	4,814	3889,508	79,109	
HI 37-1	8,414	-	-	-	43,978	43,978	59,751	34,507	-	-	-	168,885	168,885	56,976	
HI 37-2	26,094	-	-	-	124,907	124,907	56,067	34,507	-	-	-	168,885	168,885	56,976	
HI 38-1	5,305	3,761	1,665	22,906	-	28,332	60,606	172,381	74,023	29,717	255,033	-	358,773	28,992	
HI 38-2	167,076	70,262	28,052	232,127	-	330,441	27,790	172,381	74,023	29,717	255,033	-	358,773	28,992	
HI 39-1	481,541	380,840	94,523	321,318	37,522	834,204	24,747	1274,109	950,726	276,133	683,294	42,809	1952,962	22,337	
HI 39-2	231,574	170,343	51,305	85,695	4,922	312,266	19,936	1274,109	950,726	276,133	683,294	42,809	1952,962	22,337	
HI 39-3	560,994	399,543	130,304	276,281	3,365	806,492	21,159	1274,109	950,726	276,133	683,294	42,809	1952,962	22,337	
HI 40-1	103,680	258,787	32,832	75,918	67,198	434,736	50,413	307,288	549,389	94,108	244,104	70,904	958,505	40,278	
HI 40-2	203,609	290,602	61,276	168,185	3,706	523,769	34,655	307,288	549,389	94,108	244,104	70,904	958,505	40,278	
HI 41-1	418,080	433,240	98,696	221,021	52,338	805,295	27,178	3672,611	2269,553	1015,568	834,207	74,730	4194,059	17,024	
HI 41-2	997,963	572,586	213,236	98,964	15,707	900,493	13,488	3672,611	2269,553	1015,568	834,207	74,730	4194,059	17,024	
HI 41-3	1412,215	256,188	420,968	300,725	-	977,881	9,981	3672,611	2269,553	1015,568	834,207	74,730	4194,059	17,024	
HI 41-4	844,352	1007,538	282,667	213,498	6,685	1510,389	24,635	3672,611	2269,553	1015,568	834,207	74,730	4194,059	17,024	
HI 42-1	146,084	156,112	39,146	1,084	2,360	197,705	19,638	329,193	393,206	111,374	211,259	13,572	729,411	29,763	
HI 42-2	183,109	237,094	72,228	211,173	11,212	531,707	37,052	329,193	393,206	111,374	211,259	13,572	729,411	29,763	
HI 43-1	508,986	212,838	111,661	8,059	108,214	440,772	12,889	1455,677	417,963	368,358	418,615	132,281	1337,216	13,758	
HI 43-2	161,219	24,041	92,561	54,916	-	171,518	15,955	1455,677	417,963	368,358	418,615	132,281	1337,216	13,758	
HI 43-3	164,347	24,747	22,252	-	4,774	51,773	1,840	1455,677	417,963	368,358	418,615	132,281	1337,216	13,758	
HI 43-4	278,043	38,037	83,067	34,061	-	155,165	7,466	1455,677	417,963	368,358	418,615	132,281	1337,216	13,758	
HI 43-5	323,083	118,301	58,817	321,578	19,294	517,989	23,002	1455,677	417,963	368,358	418,615	132,281	1337,216	13,758	
HI 44-1	139,138	2,993	35,869	2,403	-	41,265	1,084	1822,524	39,061	404,858	390,755	161	834,835	5,295	
HI 44-2	877,841	18,865	195,069	224,820	-	438,754	6,219	1822,524	39,061	404,858	390,755	161	834,835	5,295	
HI 44-3	655,190	14,088	137,824	160,779	-	312,691	5,729	1822,524	39,061	404,858	390,755	161	834,835	5,295	
HI 44-4	150,354	3,115	36,695	2,754	161	42,124	1,575	1822,524	39,061	404,858	390,755	161	834,835	5,295	
HI 45-1	182,366	109,523	40,880	3,627	1,478	155,708	12,824	1068,320	635,682	251,091	174,470	8,581	1069,824	15,020	
HI 45-2	158,227	84,879	28,910	,806	7,103	121,698	11,471	1068,320	635,682	251,091	174,470	8,581	1069,824	15,020</td	

HI 48-2	1220,210	379,844	309,116	222,397		911,357	10,984	2166,067	1033,017	511,019	347,425	3,136	1894,597	13,079
HI 48-3	704,842	556,096	162,823	50,742		769,661	16,344	2166,067	1033,017	511,019	347,425	3,136	1894,597	13,079
HI 49-1	306,504	533,269	94,257	104,093	115,829	847,448	36,477	3014,979	2801,831	1273,694	104,093	115,829	4295,448	20,913
HI 49-2	839,289	781,068	406,081			1187,149	20,752	3014,979	2801,831	1273,694	104,093	115,829	4295,448	20,913
HI 49-3	1869,187	1487,495	773,356			2260,851	18,029	3014,979	2801,831	1273,694	104,093	115,829	4295,448	20,913
HI 50-1	384,591	40,955	82,457	64,356		187,768	6,025	502,508	53,374	100,662	78,755		232,791	5,484
HI 50-2	117,917	12,419	18,205	14,399		45,023	3,591	502,508	53,374	100,662	78,755		232,791	5,484
HI 51-1	860,830	1725,021	390,854	164,498	169,440	2449,813	37,089	1332,387	2596,711	544,334	547,652	169,440	3858,137	37,396
HI 51-2	410,743	759,455	134,418	323,990		1217,864	37,730	1332,387	2596,711	544,334	547,652	169,440	3858,137	37,396
HI 51-3	60,815	112,234	19,062	59,163		190,460	39,385	1332,387	2596,711	544,334	547,652	169,440	3858,137	37,396
HI 52-1	483,917	976,269	169,611	98,663	48,872	1293,414	39,662	941,386	1832,518	403,737	299,019	87,617	2622,891	40,932
HI 52-2	457,469	856,250	234,126	200,356	38,745	1329,477	42,251	941,386	1832,518	403,737	299,019	87,617	2622,891	40,932
HI 53-1	482,592	36,039	65,839	151,956	1,012	254,847	6,728	936,416	63,240	128,846	181,830	1,012	374,927	3,760
HI 53-2	453,824	27,200	63,007	29,874		120,081	2,259	936,416	63,240	128,846	181,830	1,012	374,927	3,760
HI 54-1	630,721	414,835	117,731	515,882	128,784	1177,231	26,496	1199,148	591,274	241,801	882,827	128,784	1844,685	22,473
HI 54-2	568,427	176,439	124,070	366,945		667,454	17,584	1199,148	591,274	241,801	882,827	128,784	1844,685	22,473
HI 55-1	680,713	480,155	159,239	99,436	74,158	812,988	17,679	1418,159	1082,651	350,203	388,398	199,811	2021,063	20,666
HI 55-2	599,305	498,291	157,279	201,691		857,261	20,692	1418,159	1082,651	350,203	388,398	199,811	2021,063	20,666
HI 55-3	138,141	104,205	33,684	87,271	125,654	350,814	33,734	1418,159	1082,651	350,203	388,398	199,811	2021,063	20,666
HI 56-1	277,862	490,196	63,976	12,336	55,973	622,481	30,030	1857,271	3688,664	636,406	424,795	139,606	4889,471	32,828
HI 56-2	674,227	832,967	316,497	115,777	52,375	1317,615	26,695	1857,271	3688,664	636,406	424,795	139,606	4889,471	32,828
HI 56-3	337,254	601,719	100,483	37,821	14,560	754,584	29,641	1857,271	3688,664	636,406	424,795	139,606	4889,471	32,828
HI 56-4	567,927	1763,782	155,451	258,861	16,697	2194,791	41,625	1857,271	3688,664	636,406	424,795	139,606	4889,471	32,828
HI 57-1														
HI 57-2														
HI 58-1	488,691	837,551	176,724	3,935	74,429	1092,640	30,397	786,960	1274,483	345,702	227,426	74,429	1922,040	32,709
HI 58-2	298,269	436,932	168,978	223,490		829,400	36,367	786,960	1274,483	345,702	227,426	74,429	1922,040	32,709
HI 59-1	387,391	699,036	141,092	66,560		906,689	31,370	387,391	699,036	141,092	66,560		906,689	31,370
HI 60-1	540,207	210,228	149,422	84,401	6,838	450,889	12,406	1069,613	460,641	303,823	246,059	6,838	1017,361	14,253
HI 60-2	258,983	102,225	87,996	57,144		247,365	14,318	1069,613	460,641	303,823	246,059	6,838	1017,361	14,253
HI 60-3	270,424	168,188	66,405	104,514		319,107	17,654	1069,613	460,641	303,823	246,059	6,838	1017,361	14,253
HI 61-1	650,568	381,147	174,983	356,036	3,317	915,483	20,786	650,588	381,147	174,983	356,036	3,317	915,483	20,786
HI 62-1	462,977	104,964	103,094	162,503	2,840	373,401	11,929	805,592	185,304	165,582	434,424	2,840	788,149	14,670
HI 62-2	342,615	80,340	62,467	271,921		414,748	18,060	805,592	185,304	165,582	434,424	2,840	788,149	14,670