

APPENDIX I – NOISE WORKSHEETS



Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 4/27/2021

Case Description: Energy Source Mineral ATLAS Project - All Equipment

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Nearest Home to North	Residential	55	55	45.0

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Flat Bed Truck	No	40		74.3	5500	0
Roller	No	20		80	5500	0
Dozer	No	40		81.7	5500	0
Excavator	No	40		80.7	5500	0
Grader	No	40	85.0		5500	0
Dump Truck	No	40		76.5	5500	0
Compactor (ground)	No	20		83.2	5500	0
Front End Loader	No	40		79.1	5500	0
Scraper	No	40		83.6	5500	0
Crane	No	16		80.6	5500	0
Generator	No	50		80.6	5500	0
Pumps	No	50		80.9	5500	0
Compactor (ground)	No	20		83.2	5500	0
Gradall	No	40		83.4	5500	0
Front End Loader	No	40		79.1	5500	0
Tractor	No	40	84.0		5500	0
Man Lift	No	20		74.7	5500	0
Welder / Torch	No	40		74.0	5500	0
Compressor (air)	No	40		77.7	5500	0
Paver	No	50		77.2	5500	0

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 4/27/2021

Case Description: Energy Source Mineral ATLIS Project - All Equipment

Equipment	Calculated (dBA)		Results			
	*Lmax	Leq	Day		Evening	
			Lmax	Leq	Lmax	Leq
Flat Bed Truck	33.4	29.4	N/A	N/A	N/A	N/A
Roller	39.2	32.2	N/A	N/A	N/A	N/A
Dozer	40.8	36.9	N/A	N/A	N/A	N/A
Excavator	39.9	35.9	N/A	N/A	N/A	N/A
Grader	44.2	40.2	N/A	N/A	N/A	N/A
Dump Truck	35.6	31.6	N/A	N/A	N/A	N/A
Compactor (ground)	42.4	35.4	N/A	N/A	N/A	N/A
Front End Loader	38.3	34.3	N/A	N/A	N/A	N/A
Scraper	42.8	38.8	N/A	N/A	N/A	N/A
Crane	39.7	31.8	N/A	N/A	N/A	N/A
Generator	39.8	36.8	N/A	N/A	N/A	N/A
Pumps	40.1	37.1	N/A	N/A	N/A	N/A
Compactor (ground)	42.4	35.4	N/A	N/A	N/A	N/A
Gradall	42.6	38.6	N/A	N/A	N/A	N/A
Front End Loader	38.3	34.3	N/A	N/A	N/A	N/A
Tractor	43.2	39.2	N/A	N/A	N/A	N/A
Man Lift	33.9	26.9	N/A	N/A	N/A	N/A
Welder / Torch	33.2	29.2	N/A	N/A	N/A	N/A
Compressor (air)	36.8	32.9	N/A	N/A	N/A	N/A
Paver	36.4	33.4	N/A	N/A	N/A	N/A
Total	44.2	48.8	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING CONDITIONS

Project: Energy Source Mineral ATLLS
Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Local)			Vehicle Mix 2 (Major Arterial)			Vehicle Mix 3 (Hwy-111)		
	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night
Automobiles	73.60%	13.60%	10.22%	69.50%	12.90%	9.60%	56.48%	11.58%	13.54%
Medium Trucks	0.90%	0.90%	0.04%	1.44%	0.06%	1.50%	4.57%	0.83%	2.31%
Heavy Trucks	0.35%	0.04%	0.35%	2.40%	0.10%	2.50%	5.85%	0.56%	4.28%
			0.74%			5.00%			10.69%

Road Name: State Route 111

Segment: North of Hazard Road

Average Daily Traffic: 3800 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE			NOISE PARAMETERS AT 100 FEET FROM CENTERLINE			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Leq Peak	Leq Day	Leq Eve. Night
Automobiles	-8.52	-6.30	-1.20	59.53	56.25	55.39	58.81	59.31	59.31
Medium Trucks	-18.77	-6.30	-1.20	55.45	41.26	39.86	46.20	46.46	46.46
Heavy Trucks	-17.35	-6.30	-1.20	60.37	47.25	43.08	53.48	53.59	53.59
Total:				63.68	56.89	55.75	60.11	60.52	60.52

Road Name: State Route 111

Segment: South of McDonald Road

Average Daily Traffic: 3800 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE			NOISE PARAMETERS AT 100 FEET FROM CENTERLINE			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Leq Peak	Leq Day	Leq Eve. Night
Automobiles	-8.52	-4.56	-1.20	61.26	57.99	57.12	60.54	61.04	61.04
Medium Trucks	-18.77	-4.56	-1.20	57.18	42.99	41.59	47.93	48.20	48.20
Heavy Trucks	-17.35	-4.56	-1.20	62.10	48.98	44.82	55.21	55.32	55.32
Total:				65.42	58.62	57.48	61.84	62.25	62.25

Road Name: State Route 111

Segment: South of Sinclair Road

Average Daily Traffic: 6400 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE			NOISE PARAMETERS AT 100 FEET FROM CENTERLINE			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Leq Peak	Leq Day	Leq Eve. Night
Automobiles	-6.26	-4.56	-1.20	63.52	60.25	59.39	62.80	63.31	63.31
Medium Trucks	-16.50	-4.56	-1.20	59.44	45.25	43.85	50.20	50.46	50.46
Heavy Trucks	-15.08	-4.56	-1.20	64.36	51.24	47.08	57.48	57.58	57.58
Total:				67.68	60.88	59.75	64.10	64.51	64.51

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONSTRUCTION CONDITIONS

Project: Energy Source Mineral ATLAS
Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Local)			Vehicle Mix 2 (Major Arterial)			Vehicle Mix 3 (Hwy-111)		
	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night
Automobiles	73.60%	13.60%	10.22%	69.50%	12.90%	9.60%	56.48%	11.58%	13.54%
Medium Trucks	0.90%	0.90%	0.04%	1.44%	0.06%	1.50%	4.57%	0.83%	2.31%
Heavy Trucks	0.35%	0.04%	0.35%	2.40%	0.10%	2.50%	5.85%	0.56%	4.28%
			0.74%			5.00%			10.69%

Road Name: State Route 111

Segment: North of Hazard Road

Average Daily Traffic: 3853 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE (Equiv. Lane Dist: 129.35 ft)						Centerline Distance to		
	Noise Adjustments			Unmitigated Noise Levels			Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-8.46	-6.30	-1.20	59.59	56.31	55.45	51.36	58.87	59.37
Medium Trucks	-18.71	-6.30	-1.20	55.51	41.32	39.92	39.61	46.26	46.52
Heavy Trucks	-17.29	-6.30	-1.20	60.43	47.31	43.14	47.19	53.54	53.65
Total:				63.74	56.95	55.81	52.97	60.17	60.58
								70 dBA:	29
								65 dBA:	62
								60 dBA:	133
								55 dBA:	287

Road Name: State Route 111

Segment: South of McDonald Road

Average Daily Traffic: 3800 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 100 FEET FROM CENTERLINE (Equiv. Lane Dist: 99.15 ft)						Centerline Distance to		
	Noise Adjustments			Unmitigated Noise Levels			Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-8.52	-4.56	-1.20	61.26	57.99	57.12	53.03	60.54	61.04
Medium Trucks	-18.77	-4.56	-1.20	57.18	42.99	41.59	41.28	47.93	48.20
Heavy Trucks	-17.35	-4.56	-1.20	62.10	48.98	44.82	48.87	55.21	55.32
Total:				65.42	58.62	57.48	54.65	61.84	62.25
								70 dBA:	29
								65 dBA:	62
								60 dBA:	133
								55 dBA:	286

Road Name: State Route 111

Segment: South of Sinclair Road

Average Daily Traffic: 6720 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 100 FEET FROM CENTERLINE (Equiv. Lane Dist: 99.15 ft)						Centerline Distance to		
	Noise Adjustments			Unmitigated Noise Levels			Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-6.04	-4.56	-1.20	63.73	60.46	59.60	55.51	63.02	63.52
Medium Trucks	-16.29	-4.56	-1.20	59.66	45.46	44.06	43.76	50.41	50.67
Heavy Trucks	-14.87	-4.56	-1.20	64.57	51.46	47.29	51.34	57.69	57.79
Total:				67.89	61.10	59.96	57.12	64.31	64.72
								70 dBA:	42
								65 dBA:	90
								60 dBA:	194
								55 dBA:	418

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT OPERATIONAL CONDITIONS

Project: Energy Source Mineral ATLLS
Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Local)			Vehicle Mix 2 (Major Arterial)			Vehicle Mix 3 (Hwy-111)					
	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night			
Automobiles	73.60%	13.60%	10.22%	97.42%	69.50%	12.90%	9.60%	92.00%	56.48%	11.58%	13.54%	81.60%
Medium Trucks	0.90%	0.90%	0.04%	1.84%	1.44%	0.06%	1.50%	3.00%	4.57%	0.83%	2.31%	7.71%
Heavy Trucks	0.35%	0.04%	0.35%	0.74%	2.40%	0.10%	2.50%	5.00%	5.85%	0.56%	4.28%	10.69%

Road Name: State Route 111

Segment: North of Hazard Road

Average Daily Traffic: 3824 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

NOISE PARAMETERS AT 130 FEET FROM CENTERLINE (Equiv. Lane Dist: 129.35 ft)												
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	-8.49	-6.30	-1.20	59.55	56.28	55.42	51.33	58.84	59.34	70 dBA: 29		
Medium Trucks	-18.74	-6.30	-1.20	55.48	41.28	39.88	39.58	46.23	46.49	65 dBA: 66		
Heavy Trucks	-17.32	-6.30	-1.20	60.39	47.28	43.11	47.16	53.51	53.61	60 dBA: 141		
Total:				63.71	56.92	55.78	52.94	60.13	60.54	55 dBA: 286		

Road Name: State Route 111

Segment: South of McDonald Road

Average Daily Traffic: 3950 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

NOISE PARAMETERS AT 100 FEET FROM CENTERLINE (Equiv. Lane Dist: 99.15 ft)												
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	-8.35	-4.56	-1.20	61.43	58.15	57.29	53.20	60.71	61.21	70 dBA: 29		
Medium Trucks	-18.60	-4.56	-1.20	57.35	43.16	41.76	41.45	48.10	48.36	65 dBA: 67		
Heavy Trucks	-17.18	-4.56	-1.20	62.27	49.15	44.98	49.03	55.38	55.49	60 dBA: 145		
Total:				65.58	58.79	57.65	54.81	62.01	62.42	55 dBA: 293		

Road Name: State Route 111

Segment: South of Sinclair Road

Average Daily Traffic: 6555 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

NOISE PARAMETERS AT 100 FEET FROM CENTERLINE (Equiv. Lane Dist: 99.15 ft)												
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels						Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL			
Automobiles	-6.15	-4.56	-1.20	63.63	60.35	59.49	55.40	62.91	63.41	70 dBA: 41		
Medium Trucks	-16.40	-4.56	-1.20	59.55	45.36	43.96	43.65	50.30	50.56	65 dBA: 89		
Heavy Trucks	-14.98	-4.56	-1.20	64.47	51.35	47.18	51.23	57.58	57.69	60 dBA: 191		
Total:				67.78	60.99	59.85	57.01	64.21	64.62	55 dBA: 411		

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING YEAR PLUS CUMULATIVE PROJECTS WITHOUT PROJECT CONDITIONS

Project: Energy Source Mineral ATLAS
Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Local)			Vehicle Mix 2 (Major Arterial)			Vehicle Mix 3 (Hwy-111)		
	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night
Automobiles	73.60%	13.60%	10.22%	69.50%	12.90%	9.60%	56.48%	11.58%	13.54%
Medium Trucks	0.90%	0.90%	0.04%	1.44%	0.06%	1.50%	4.57%	0.83%	2.31%
Heavy Trucks	9.00%	0.04%	0.35%	2.40%	0.10%	2.50%	5.85%	0.56%	4.28%
			0.74%			5.00%			10.69%

Road Name: State Route 111 **Segment: North of Hazard Road**

Average Daily Traffic: 4180 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE			NOISE PARAMETERS AT 100 FEET FROM CENTERLINE			Centerline Distance to Noise Contour (in feet)					
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Unmitigated Noise Levels	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-8.11	-6.30	-1.20	-8.11	-6.30	-1.20	59.94	56.67	55.80	51.71	59.22	59.73
Medium Trucks	-18.35	-6.30	-1.20	-18.35	-6.30	-1.20	55.86	41.67	40.27	39.96	46.61	46.88
Heavy Trucks	-16.93	-6.30	-1.20	-16.93	-6.30	-1.20	60.78	47.66	43.50	47.55	53.90	54.00
Total:							64.10	57.30	56.17	53.33	60.52	60.93
												70 dBA: 30
												65 dBA: 70
												60 dBA: 141
												55 dBA: 303

Road Name: State Route 111

Segment: South of McDonald Road

Average Daily Traffic: 4180 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE			NOISE PARAMETERS AT 100 FEET FROM CENTERLINE			Centerline Distance to Noise Contour (in feet)					
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Unmitigated Noise Levels	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-8.11	-4.56	-1.20	-8.11	-4.56	-1.20	61.67	58.40	57.54	53.45	60.95	61.46
Medium Trucks	-18.35	-4.56	-1.20	-18.35	-4.56	-1.20	57.59	43.40	42.00	41.69	48.35	48.61
Heavy Trucks	-16.93	-4.56	-1.20	-16.93	-4.56	-1.20	62.51	49.39	45.23	49.28	55.63	55.73
Total:							65.83	59.03	57.90	55.06	62.25	62.66
												70 dBA: 30
												65 dBA: 70
												60 dBA: 141
												55 dBA: 304

Road Name: State Route 111

Segment: South of Sinclair Road

Average Daily Traffic: 7040 Vehicles Vehicle Speed: 65 MPH Vehicle Mix: 3 Roadway Classification: 2-Lane Expressway

Vehicle Type	NOISE PARAMETERS AT 130 FEET FROM CENTERLINE			NOISE PARAMETERS AT 100 FEET FROM CENTERLINE			Centerline Distance to Noise Contour (in feet)					
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Unmitigated Noise Levels	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-5.84	-4.56	-1.20	-5.84	-4.56	-1.20	63.94	60.66	59.80	55.71	63.22	63.72
Medium Trucks	-16.09	-4.56	-1.20	-16.09	-4.56	-1.20	59.86	45.67	44.27	43.96	50.61	50.87
Heavy Trucks	-14.67	-4.56	-1.20	-14.67	-4.56	-1.20	64.78	51.66	47.49	51.54	57.89	58.00
Total:							68.09	61.30	60.16	57.32	64.52	64.93
												70 dBA: 43
												65 dBA: 93
												60 dBA: 200
												55 dBA: 431

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING YEAR PLUS CUMULATIVE PROJECTS WITH PROJECT CONDITIONS

Project: Energy Source Mineral ATLAS
Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Local)			Vehicle Mix 2 (Major Arterial)			Vehicle Mix 3 (Hwy-111)			
	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night	Daily
Automobiles	73.60%	13.60%	10.22%	69.50%	12.90%	9.60%	56.48%	11.58%	13.54%	81.60%
Medium Trucks	0.90%	0.90%	0.04%	1.44%	0.06%	1.50%	4.57%	0.83%	2.31%	7.71%
Heavy Trucks	9.00%	0.04%	0.35%	2.40%	0.10%	2.50%	5.85%	0.56%	4.28%	10.69%

Road Name: State Route 111 **Segment: North of Hazard Road**

Average Daily Traffic: 4204 Vehicles		Vehicle Speed: 65 MPH		Vehicle Mix: 3		Roadway Classification: 2-Lane Expressway							
NOISE PARAMETERS AT 130 FEET FROM CENTERLINE (Equiv. Lane Dist: 129.35 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Noise Contour (in feet)						
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	75.54	-8.08	-6.30	-1.20	59.96	56.69	55.83	51.74	59.25	59.75	30	32	
Medium Trucks	81.71	-18.33	-6.30	-1.20	55.89	41.69	40.30	39.99	46.64	46.90	66	70	
Heavy Trucks	85.21	-16.91	-6.30	-1.20	60.80	47.69	43.52	47.57	53.92	54.03	141	151	
Total:				64.12	57.33	56.19	53.35	60.54	60.96	60.96	55	55	324

Road Name: State Route 111

Segment: South of McDonald Road

Average Daily Traffic: 4330 Vehicles		Vehicle Speed: 65 MPH		Vehicle Mix: 3		Roadway Classification: 2-Lane Expressway							
NOISE PARAMETERS AT 100 FEET FROM CENTERLINE (Equiv. Lane Dist: 99.15 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Noise Contour (in feet)						
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	75.54	-7.95	-4.56	-1.20	61.82	58.55	57.69	53.60	61.11	61.61	31	33	
Medium Trucks	81.71	-18.20	-4.56	-1.20	57.75	43.55	42.16	41.85	48.50	48.76	67	72	
Heavy Trucks	85.21	-16.78	-4.56	-1.20	62.66	49.55	45.38	49.43	55.78	55.89	145	154	
Total:				65.98	59.19	58.05	55.21	62.41	62.82	62.82	55	55	332

Road Name: State Route 111

Segment: South of Sinclair Road

Average Daily Traffic: 7195 Vehicles		Vehicle Speed: 65 MPH		Vehicle Mix: 3		Roadway Classification: 2-Lane Expressway							
NOISE PARAMETERS AT 100 FEET FROM CENTERLINE (Equiv. Lane Dist: 99.15 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Noise Contour (in feet)						
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	75.54	-5.75	-4.56	-1.20	64.03	60.76	59.89	55.80	63.31	63.82	44	47	
Medium Trucks	81.71	-15.99	-4.56	-1.20	59.95	45.76	44.36	44.05	50.70	50.97	94	100	
Heavy Trucks	85.21	-14.57	-4.56	-1.20	64.87	51.75	47.59	51.64	57.99	58.09	203	216	
Total:				68.19	61.39	60.26	57.42	64.61	65.02	65.02	55	55	466