

From: **Information Management Team** <Susan.Sales@huttcity.govt.nz>  
To: [REDACTED]  
BCC: **Andrea Mitchell** <Andrea.Mitchell@huttcity.govt.nz>  
Subject: Request for information on the Traffic Count on upper Normandale Road in 2022  
Date: 15.05.2023 03:17:15 (+02:00)  
Attachments: Normandale Road Traffic Count Data.pdf (6 pages), Normandale Road Speed Statistics.pdf (4 pages)

Kia ora Alice

Thank you for your information request of 30 April 2023, in which you request the results of the vehicle traffic count undertaken on Normandale Road in 2022.

This information is attached.

Regards, Susan

Ngā mihi

**Susan Sales**

Ringa Āwhina Tāhūhū ki Te Koromatua | Senior Advisor

Te Kaunihera o Te Awa Kairangi | Hutt City Council, [30 Laings Road](#), Private Bag 31912, Lower Hutt 5040, New Zealand

Paetukutuku: [www.huttcity.govt.nz](http://www.huttcity.govt.nz)

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**From:** [REDACTED]  
**Sent:** Sunday, 30 April 2023 8:57 am  
**To:** Jon Kingsbury <[Jon.Kingsbury@huttcity.govt.nz](mailto:Jon.Kingsbury@huttcity.govt.nz)>  
**Cc:** Ravi Soni <[Ravi.Soni@huttcity.govt.nz](mailto:Ravi.Soni@huttcity.govt.nz)> ; Kara Puketapu-Dentice <[Kara.Puketapu-Dentice@huttcity.govt.nz](mailto:Kara.Puketapu-Dentice@huttcity.govt.nz)> ; Jo Miller <[Jo.Miller@huttcity.govt.nz](mailto:Jo.Miller@huttcity.govt.nz)>  
**Subject:** [EXTERNAL] LGOIMA: Request for information on the Traffic Count on upper Normandale Road in 2022

Hi Jon

Following from the correspondence below, can you please supply the following information under the Local Government Official Information and Meetings Act (LGOIMA):

- Results from the Traffic Count undertaken on upper Normandale Road in 2022

I understand that a decision on a request for information under the LGOIMA should be made within 20 working days of receiving that request. If you do not normally deal with official information requests, or you need advice on dealing with this request, guidance is available from the Ombudsman at [www.ombudsman.parliament](http://www.ombudsman.parliament).

Regards

Alice

## MetroCount Traffic Executive Vehicle Counts

### VehicleCount-3 -- English (ENZ)

#### Datasets:

**Site:** [Normandale Rd] Normandale Road #164  
**Attribute:**  
**Direction:** 7 - North bound A>B, South bound B>A. **Lane:** 1  
**Survey Duration:** 9:17 Friday, 29 April 2022 => 18:46 Sunday, 8 May 2022,  
**Zone:**  
**File:** Normandale Rd 0 2022-05-08 1846.EC1 (Plus )  
**Identifier:** DG29Y7RN MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.08)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

**Site:** [Normandale rd] Normandale Rd #154  
**Attribute:**  
**Direction:** 7 - North bound A>B, South bound B>A. **Lane:** 1  
**Survey Duration:** 9:26 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022,  
**Zone:**  
**File:** Normandale rd 0 2022-05-08 1847.EC1 (Plus )  
**Identifier:** HN56PD0A MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.08)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

#### Profile:

**Filter time:** 9:18 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022 (9.3955)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13  
**Speed range:** 10 - 160 km/h.  
**Direction:** North, East, South, West (bound), P = North, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (NZTA2011)  
**Units:** Metric (metre, kilometre, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 10615 / 10620 (99.95%)

\* **Friday, 29 April 2022 - Total=858 (Incomplete) , 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
-	-	-	-	-	-	-	-	-	-	55	74	71	63	101	109	104	103	70	40	18	14	22	14	
-	-	-	-	-	-	-	-	-	-	19	13	24	14	22	25	32	28	23	7	5	3	7	0	
-	-	-	-	-	-	-	-	-	-	5	14	21	20	15	32	29	32	29	20	14	3	3	2	3
-	-	-	-	-	-	-	-	-	-	16	14	14	13	16	20	35	20	28	20	9	7	4	12	9
-	-	-	-	-	-	-	-	-	-	8	8	26	14	18	27	20	20	18	7	10	3	4	1	2

PM Peak 1530 - 1630 (119), PM PHF=0.85

\* **Saturday, 30 April 2022 - Total=946, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
5	1	2	2	2	3	6	15	40	70	72	95	71	82	65	65	112	62	55	44	37	16	10	14
2	1	0	0	0	1	1	1	10	13	22	23	18	20	12	25	23	18	13	14	8	4	2	4
0	0	1	0	2	0	2	4	10	18	17	26	11	20	24	9	23	15	19	8	13	6	2	3
1	0	1	0	0	0	0	3	4	26	13	24	23	20	16	19	27	16	13	12	7	4	5	2
2	0	0	2	0	2	3	7	16	13	20	22	19	22	13	12	39	13	10	10	9	2	1	5

AM Peak 1100 - 1200 (95), AM PHF=0.91 PM Peak 1600 - 1700 (112), PM PHF=0.72

\* **Sunday, 1 May 2022 - Total=896, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
3	5	3	4	8	0	0	17	38	49	81	56	87	98	95	74	85	65	48	29	29	8	8	6
0	0	0	3	3	0	0	0	5	7	12	12	26	21	18	16	23	15	17	9	12	0	4	6
0	3	2	1	2	0	0	3	4	13	31	15	18	33	25	16	23	19	11	4	8	5	0	0
1	2	1	0	0	0	0	6	7	13	18	16	15	26	32	23	21	16	11	11	2	0	2	0
2	0	0	0	3	0	0	8	22	16	20	13	28	18	20	19	18	15	9	5	7	3	2	0

AM Peak 1000 - 1100 (81), AM PHF=0.65 PM Peak 1245 - 1345 (108), PM PHF=0.82

\* **Monday, 2 May 2022 - Total=1143, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
0	6	0	2	1	12	27	85	135	61	55	43	56	74	84	106	117	118	56	41	32	20	9	3
0	4	0	0	0	0	10	15	32	21	17	12	17	23	19	27	24	49	30	11	7	8	5	3
0	0	0	0	0	2	6	17	33	12	14	9	14	12	21	26	32	20	3	19	10	3	0	0
0	1	0	0	0	6	4	23	36	16	10	10	9	24	24	26	32	22	9	6	1	6	4	0
0	1	0	2	1	4	7	30	34	12	14	12	16	15	20	27	29	27	14	5	14	3	0	0

AM Peak 0800 - 0900 (135), AM PHF=0.94 PM Peak 1615 - 1715 (142), PM PHF=0.72

\* **Tuesday, 3 May 2022 - Total=1182, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
2	0	2	0	4	13	20	85	148	69	63	49	68	67	89	108	83	133	74	49	26	15	12	3
1	0	2	0	0	1	6	6	32	15	15	10	17	21	11	21	14	43	26	6	10	1	1	1
0	0	0	0	0	2	5	32	28	18	17	13	17	14	19	30	22	30	22	14	4	4	4	0
1	0	0	0	2	3	3	23	39	19	15	14	13	18	40	36	23	30	13	17	5	5	4	0
0	0	0	0	2	7	6	24	49	17	16	12	21	14	19	21	24	30	13	12	7	5	3	2

AM Peak 0800 - 0900 (148), AM PHF=0.76 PM Peak 1700 - 1800 (133), PM PHF=0.77

**\* Wednesday, 4 May 2022 - Total=1259, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
3	2	5	2	2	13	26	86	142	79	63	51	76	74	69	116	109	138	77	41	39	27	15	4	
0	1	2	0	0	1	8	16	23	25	12	12	17	14	20	25	24	38	30	14	8	7	6	2	0
1	1	2	0	0	4	9	31	32	22	12	13	13	13	11	29	36	28	20	12	10	11	7	1	0
2	0	1	2	0	3	7	16	52	22	24	7	29	20	22	26	24	43	11	11	6	7	1	1	0
0	0	0	0	2	5	2	23	35	10	15	19	17	27	16	36	25	29	16	4	15	2	1	0	0

AM Peak 0815 - 0915 (144), AM PHF=0.69 PM Peak 1700 - 1800 (138), PM PHF=0.80

**\* Thursday, 5 May 2022 - Total=1146, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
0	5	3	0	2	8	25	75	115	70	65	60	45	65	79	92	113	128	70	61	21	24	11	9	
0	4	0	0	0	0	4	10	26	16	14	15	8	27	15	21	34	32	21	14	5	6	4	1	2
0	0	1	0	2	3	11	23	25	20	12	13	11	18	13	20	24	26	27	17	4	4	2	4	0
0	0	2	0	0	3	6	17	32	23	16	13	16	7	21	32	29	30	11	12	5	6	1	3	0
0	1	0	0	0	2	4	25	32	11	23	19	10	13	30	19	26	40	11	18	7	8	4	1	0

AM Peak 0800 - 0900 (115), AM PHF=0.90 PM Peak 1700 - 1800 (128), PM PHF=0.80

**\* Friday, 6 May 2022 - Total=1174, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
2	2	3	0	4	12	28	69	109	68	67	62	81	80	77	102	104	100	101	37	17	18	19	12	
2	0	0	0	2	0	4	9	26	21	12	13	21	22	24	23	24	34	32	10	4	5	4	4	0
0	2	1	0	0	2	6	14	20	16	14	21	20	28	17	18	26	24	18	15	4	4	10	0	0
0	0	0	0	0	3	9	27	32	13	15	8	13	17	18	31	29	14	30	7	5	2	1	4	2
0	0	2	0	2	7	9	19	31	18	26	20	27	13	18	30	25	28	21	5	4	7	4	4	0

AM Peak 0800 - 0900 (109), AM PHF=0.85 PM Peak 1615 - 1715 (114), PM PHF=0.84

**\* Saturday, 7 May 2022 - Total=1133, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
2	3	4	2	2	0	4	26	60	80	87	116	77	85	96	92	125	83	55	55	39	19	15	6	
0	1	0	2	2	0	0	3	10	9	11	17	21	21	39	42	29	24	23	19	14	7	3	1	4
0	2	3	0	0	0	2	11	10	28	24	25	20	18	20	17	21	24	13	11	5	4	8	1	0
2	0	0	0	0	0	0	5	15	17	27	47	21	19	15	22	40	17	10	10	14	3	2	3	0
0	0	1	0	0	0	2	7	25	26	25	27	15	27	22	11	35	18	9	15	6	5	2	1	0

AM Peak 1115 - 1215 (120), AM PHF=0.64 PM Peak 1600 - 1700 (125), PM PHF=0.78

**\* Sunday, 8 May 2022 - Total=849 (Incomplete) , 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
4	6	3	0	3	2	7	14	40	66	75	90	91	79	92	96	71	79	31	-	-	-	-	-
4	3	0	0	2	0	1	1	5	13	22	16	10	22	14	27	16	25	10	-	-	-	-	-
0	1	1	0	1	0	1	2	12	20	18	28	23	16	22	25	14	19	11	-	-	-	-	-
0	2	2	0	0	2	2	5	8	14	17	21	29	27	23	19	24	21	9	-	-	-	-	-
0	0	0	0	0	0	3	6	15	19	18	25	29	14	33	25	17	14	1	-	-	-	-	-

AM Peak 1100 - 1200 (90), AM PHF=0.80

## MetroCount Traffic Executive Vehicle Counts

### VehicleCount-4 -- English (ENZ)

#### Datasets:

**Site:** [Normandale rd] Normandale Rd #154  
**Attribute:**  
**Direction:** 7 - North bound A>B, South bound B>A. **Lane:** 1  
**Survey Duration:** 9:26 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022,  
**Zone:**  
**File:** Normandale rd 0 2022-05-08 1847.EC1 (Plus )  
**Identifier:** HN56PD0A MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.08)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

#### Profile:

**Filter time:** 9:27 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022 (9.38925)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13  
**Speed range:** 10 - 160 km/h.  
**Direction:** North, East, South, West (bound), P = North, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (NZTA2011)  
**Units:** Metric (metre, kilometre, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 6966 / 6968 (99.97%)

\* Friday, 29 April 2022 - Total=556 (Incomplete) , 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
-	-	-	-	-	-	-	-	-	-	29	51	47	44	69	67	64	46	27	11	11	14	9		
-	-	-	-	-	-	-	-	-	-	11	8	19	11	15	14	16	20	13	5	4	2	5	0	1
-	-	-	-	-	-	-	-	-	0	7	16	14	9	22	18	22	18	14	9	1	1	1	1	0
-	-	-	-	-	-	-	-	-	11	9	10	4	9	12	21	16	14	14	6	4	4	7	6	1
-	-	-	-	-	-	-	-	-	7	2	17	10	15	20	14	13	12	5	7	2	4	1	2	1

PM Peak 1445 - 1545 (73), PM PHF=0.87

\* Saturday, 30 April 2022 - Total=620, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
3	1	2	1	1	2	5	10	28	46	47	62	51	52	35	46	73	40	38	26	21	11	8	11	
1	1	0	0	0	0	1	1	8	8	16	13	13	13	6	16	15	10	10	7	6	2	2	4	0
0	0	1	0	1	0	2	3	5	12	13	18	8	14	11	5	14	10	14	5	6	5	2	2	0
1	0	1	0	0	0	0	2	3	18	6	18	17	14	10	14	21	11	8	6	4	3	3	1	0
1	0	0	1	0	2	2	4	12	8	12	13	13	11	8	11	23	9	6	8	5	1	1	4	1

AM Peak 1100 - 1200 (62), AM PHF=0.86 PM Peak 1600 - 1700 (73), PM PHF=0.79

\* Sunday, 1 May 2022 - Total=585, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
1	2	3	2	5	0	0	10	23	32	52	42	57	65	60	51	56	41	31	19	17	6	7	3	
0	0	0	1	2	0	0	0	3	5	9	10	17	14	10	13	16	9	11	5	7	0	3	3	0
0	1	2	1	1	0	0	2	3	8	18	9	13	20	16	10	16	12	7	1	5	4	0	0	0
0	1	1	0	0	0	0	3	4	10	12	13	9	16	19	16	14	11	5	8	1	0	2	0	0
1	0	0	0	2	0	0	5	13	9	13	10	18	15	15	12	10	9	8	5	4	2	2	0	0

AM Peak 1015 - 1115 (53), AM PHF=0.74 PM Peak 1245 - 1345 (68), PM PHF=0.85

\* Monday, 2 May 2022 - Total=764, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
0	3	0	1	0	7	14	58	99	45	38	32	36	53	54	64	76	79	37	25	20	12	8	3	
0	2	0	0	0	0	5	11	21	16	13	8	10	17	13	17	16	31	20	8	4	5	5	3	1
0	0	0	0	0	1	3	11	26	10	9	6	10	10	14	17	22	11	1	12	7	2	0	0	0
0	1	0	0	0	3	3	14	28	12	6	8	5	15	12	15	20	16	7	3	1	3	3	0	1
0	0	0	1	0	3	3	22	24	7	10	10	11	11	15	15	18	21	9	2	8	2	0	0	0

AM Peak 0800 - 0900 (99), AM PHF=0.88 PM Peak 1615 - 1715 (91), PM PHF=0.73

\* Tuesday, 3 May 2022 - Total=782, 15 minute drops

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
2	0	1	0	3	6	12	53	100	53	38	33	48	42	59	70	59	89	49	28	15	11	9	2	
1	0	1	0	0	0	3	5	18	11	6	6	13	11	6	14	10	27	17	4	6	1	1	1	0
0	0	0	0	0	1	4	21	21	14	11	9	13	10	14	19	18	20	13	7	2	3	3	0	0
1	0	0	0	1	1	2	12	29	15	11	10	9	11	23	23	15	22	10	11	3	3	3	0	1
0	0	0	0	2	4	3	15	32	13	10	8	13	10	16	14	16	20	9	6	4	4	2	1	0

AM Peak 0800 - 0900 (100), AM PHF=0.78 PM Peak 1700 - 1800 (89), PM PHF=0.82

\* **Wednesday, 4 May 2022 - Total=824, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
1	2	4	1	1	8	15	58	100	50	43	32	51	44	47	74	72	92	51	25	25	18	6	4	
0	1	1	0	0	1	4	11	16	14	8	6	14	10	12	17	16	23	20	10	7	5	2	2	0
0	1	2	0	0	3	5	19	23	15	7	9	8	7	10	21	25	19	14	7	6	6	3	1	0
1	0	1	1	0	1	4	11	38	15	18	4	19	10	13	17	15	31	6	6	3	5	0	1	0
0	0	0	0	1	3	2	17	23	6	10	13	10	17	12	19	16	19	11	2	9	2	1	0	0

AM Peak 0800 - 0900 (100), AM PHF=0.66 PM Peak 1700 - 1800 (92), PM PHF=0.74

\* **Thursday, 5 May 2022 - Total=750, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
0	3	2	0	1	3	14	48	84	51	36	43	33	37	46	61	69	83	44	44	15	18	7	8	
0	2	0	0	0	0	2	6	17	11	7	9	7	14	7	18	19	20	9	10	3	4	2	1	2
0	0	1	0	1	2	6	13	20	15	7	12	8	10	8	11	14	18	17	13	2	3	2	3	0
0	0	1	0	0	1	4	12	22	17	9	9	11	4	15	22	17	22	8	10	5	4	1	3	0
0	1	0	0	0	0	2	17	25	8	13	13	7	9	16	10	19	23	10	11	5	7	2	1	0

AM Peak 0800 - 0900 (84), AM PHF=0.84 PM Peak 1700 - 1800 (83), PM PHF=0.90

\* **Friday, 6 May 2022 - Total=771, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
2	1	2	0	2	6	15	41	85	46	40	40	51	45	55	74	68	62	66	28	11	12	13	6	
2	0	0	0	1	0	2	7	18	15	8	8	17	12	15	18	16	18	20	7	3	4	3	2	0
0	1	1	0	0	1	3	6	18	11	9	13	11	16	13	14	16	17	12	12	3	2	7	0	0
0	0	0	0	0	1	6	16	25	9	9	6	8	9	14	21	21	10	19	5	3	1	1	2	1
0	0	1	0	1	4	4	12	24	11	14	13	15	8	13	21	15	17	15	4	2	5	2	2	0

AM Peak 0800 - 0900 (85), AM PHF=0.85 PM Peak 1500 - 1600 (74), PM PHF=0.88

\* **Saturday, 7 May 2022 - Total=757, 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
1	3	3	2	1	0	3	19	44	51	57	77	55	56	63	67	85	51	37	31	24	12	12	3	
0	1	0	2	1	0	0	2	9	7	7	12	12	14	22	30	19	15	14	12	8	3	3	1	1
0	2	2	0	0	0	1	7	8	17	17	15	18	16	17	12	17	14	9	6	3	3	7	0	0
1	0	0	0	0	0	0	4	11	12	18	34	13	9	10	17	28	12	7	6	8	3	2	1	0
0	0	1	0	0	0	2	6	16	15	15	16	12	17	14	8	21	10	7	7	5	3	0	1	0

AM Peak 1130 - 1230 (80), AM PHF=0.59 PM Peak 1600 - 1700 (85), PM PHF=0.76

\* **Sunday, 8 May 2022 - Total=539 (Incomplete) , 15 minute drops**

0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
1	4	2	0	1	1	4	9	27	46	48	54	61	47	61	57	44	50	22	-	-	-	-	-	
1	2	0	0	1	0	1	1	3	9	14	10	6	12	10	17	7	13	6	-	-	-	-	-	-
0	0	1	0	0	0	0	1	8	12	11	18	16	11	15	15	9	13	7	-	-	-	-	-	-
0	2	1	0	0	1	1	2	5	12	12	12	19	16	14	10	15	17	8	-	-	-	-	-	-
0	0	0	0	0	0	2	5	11	13	11	14	20	8	22	15	13	7	1	-	-	-	-	-	-

AM Peak 1145 - 1245 (55), AM PHF=0.72

## MetroCount Traffic Executive Speed Statistics

### SpeedStat-8 -- English (ENZ)

#### Datasets:

**Site:** [Normandale Rd] Normandale Road #164  
**Attribute:**  
**Direction:** 7 - North bound A>B, South bound B>A. **Lane:** 1  
**Survey Duration:** 9:17 Friday, 29 April 2022 => 18:46 Sunday, 8 May 2022,  
**Zone:**  
**File:** Normandale Rd 0 2022-05-08 1846.EC1 (Plus )  
**Identifier:** DG29Y7RN MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.08)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

#### Profile:

**Filter time:** 9:18 Friday, 29 April 2022 => 18:46 Sunday, 8 May 2022 (9.39486)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13  
**Speed range:** 10 - 160 km/h.  
**Direction:** North, East, South, West (bound), P = North, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (NZTA2011)  
**Units:** Metric (metre, kilometre, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 3649 / 3652 (99.92%)

## Speed Statistics

### SpeedStat-8

**Site:** Normandale Rd.1.2NS  
**Description:** Normandale Road #164  
**Filter time:** 9:18 Friday, 29 April 2022 => 18:46 Sunday, 8 May 2022  
**Scheme:** Vehicle classification (NZTA2011)  
**Filter:** Cls(1-13) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100) Lane(0-16)

Vehicles = 3649

Posted speed limit = 50 km/h, Exceeding = 125 (3.426%), Mean Exceeding = 53.89 km/h

Maximum = 76.2 km/h, Minimum = 10.0 km/h, Mean = 36.7 km/h

85% Speed = 43.65 km/h, 95% Speed = 48.42 km/h, Median = 36.36 km/h

20 km/h Pace = 27 - 47, Number in Pace = 3139 (86.02%)

Variance = 49.45, Standard Deviation = 7.03 km/h

### Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 10	0 0.000%	0 0.000%	3649 100.0%	0.00	0.00	0.00
10 - 20	45 1.233%	45 1.233%	3604 98.77%	0.00	0.00	0.00
20 - 30	497 13.62%	542 14.85%	3107 85.15%	0.00	0.00	0.00
30 - 40	2043 55.99%	2585 70.84%	1064 29.16%	0.00	0.00	0.00
40 - 50	939 25.73%	3524 96.57%	125 3.426%	0.00	0.00	0.00
50 - 60	116 3.179%	3640 99.75%	9 0.247%	0.00	0.00	0.00
60 - 70	7 0.192%	3647 99.95%	2 0.055%	0.00	0.00	0.00
70 - 80	2 0.055%	3649 100.0%	0 0.000%	0.00	0.00	0.00
80 - 90	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
90 - 100	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
100 - 110	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
110 - 120	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
120 - 130	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
130 - 140	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
140 - 150	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
150 - 160	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
160 - 170	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
170 - 180	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
180 - 190	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00
190 - 200	0 0.000%	3649 100.0%	0 0.000%	0.00	0.00	0.00

## MetroCount Traffic Executive Speed Statistics

### SpeedStat-9 -- English (ENZ)

#### Datasets:

**Site:** [Normandale rd] Normandale Rd #154  
**Attribute:**  
**Direction:** 7 - North bound A>B, South bound B>A. **Lane:** 1  
**Survey Duration:** 9:26 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022,  
**Zone:**  
**File:** Normandale rd 0 2022-05-08 1847.EC1 (Plus )  
**Identifier:** HN56PD0A MC56-L5 [MC55] (c)Microcom 19Oct04  
**Algorithm:** Factory default axle (v5.08)  
**Data type:** Axle sensors - Paired (Class/Speed/Count)

#### Profile:

**Filter time:** 9:27 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022 (9.38925)  
**Included classes:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13  
**Speed range:** 10 - 160 km/h.  
**Direction:** North, East, South, West (bound), P = North, Lane = 0-16  
**Separation:** Headway > 0 sec, Span 0 - 100 metre  
**Name:** Default Profile  
**Scheme:** Vehicle classification (NZTA2011)  
**Units:** Metric (metre, kilometre, m/s, km/h, kg, tonne)  
**In profile:** Vehicles = 6966 / 6968 (99.97%)

## Speed Statistics

### SpeedStat-9

Site: Normandale rd.1.2NS  
Description: **Normandale Rd #154**  
Filter time: **9:27 Friday, 29 April 2022 => 18:47 Sunday, 8 May 2022**  
Scheme: Vehicle classification (NZTA2011)  
Filter: Cls(1-13) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100) Lane(0-16)

Vehicles = 6966

Posted speed limit = 50 km/h, Exceeding = 81 (1.163%), Mean Exceeding = 54.33 km/h

Maximum = 65.8 km/h, Minimum = 11.2 km/h, Mean = 37.1 km/h

85% Speed = 41.94 km/h, 95% Speed = 45.36 km/h, Median = 37.08 km/h

20 km/h Pace = 28 - 48, Number in Pace = 6627 (95.13%)

Variance = 26.36, Standard Deviation = 5.13 km/h

### Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 10	0 0.000%	0 0.000%	6966 100.0%	0.00	0.00	0.00
10 - 20	25 0.359%	25 0.359%	6941 99.64%	0.00	0.00	0.00
20 - 30	447 6.417%	472 6.776%	6494 93.22%	0.00	0.00	0.00
30 - 40	4706 67.56%	5178 74.33%	1788 25.67%	0.00	0.00	0.00
40 - 50	1707 24.50%	6885 98.84%	81 1.163%	0.00	0.00	0.00
50 - 60	72 1.034%	6957 99.87%	9 0.129%	0.00	0.00	0.00
60 - 70	9 0.129%	6966 100.0%	0 0.000%	0.00	0.00	0.00
70 - 80	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
80 - 90	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
90 - 100	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
100 - 110	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
110 - 120	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
120 - 130	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
130 - 140	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
140 - 150	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
150 - 160	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
160 - 170	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
170 - 180	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
180 - 190	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00
190 - 200	0 0.000%	6966 100.0%	0 0.000%	0.00	0.00	0.00