

**PERENCANAAN STRUKTUR PERKERASAN LENTUR
MENGUNAKAN METODE AASHTO 1993 DAN METODE
BINA MARGA 2017 DI JALAN H.T. RIZAL NURDIN STA
0+000 S/D STA 1+000 KAB. SERDANG BEDAGAI
(Studi Kasus)**

SKRIPSI

Diajukan Untuk Memenuhi Persyaratan Dalam Menyelesaikan
Pendidikan Program Studi Sarjana Strata Satu (S1)
Program Studi Teknik Sipil Fakultas Teknik
Universitas Islam Sumatera Utara

Disusun Oleh :

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71210913029



**PROGRAM STUDI TEKNIK SIPIL
FAKULTAS TEKNIK
UNIVERSITAS ISLAM SUMATERA UTARA
MEDAN
2025**

HALAMAN PENGESAHAN

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**PROGRAM STUDI TEKNIK SIPIL
FAKULTAS TEKNIK
UNIVERSITAS ISLAM SUMATERA UTARA
MEDAN
2025**

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DAFTAR NOTASI

| | |
|---------|--|
| a | = koefisien kekuatan relative |
| AC | = Asphalt Concrete (Laston/Lapis Aspal Beton) |
| AC-Base | = Asphalt Concrete Base |
| AC-BC | = Asphalt Concrete-Binder Course (Laston Lapis Permukaan Antara) |
| AC-WC | = Asphalt Concrete-Wearing Course (Laston Lapis Aus) |
| C | = Koefisien Distribusi Kendaraan Sesuai Dengan Jumlah Lajur |
| CBR | = California Bearing Ratio |
| CESA | = Cumulative Equivalent Single Axle Load/Beban Sumbu Standar Kumulatif |
| CTB | = Cement Treated Base |
| DCP | = Dynamic Cone Penetrometer |
| DD | = Faktor Distribusi Arah |
| DDT | = Daya Dukung Tanah |
| DL | = Faktor Distribusi Lajur |
| E | = Angka Ekuivalen |
| ESA | = Equivalent Single Axle/Beban Sumbu Standar |
| HRS | = Hot Rolled Sheet (Laston/Lapis Tipis Aspal Beton) |
| i | = Laju Pertumbuhan Lalu Lintas Tahunan (%) |
| Po | = Indeks Kemampuan Pelayanan Awal |
| Pt | = Indeks Kemampuan Pelayanan Akhir |
| LHR | = Lalu Lintas Harian Rata-rata |
| LFA | = Lapis Fondasi Agregat |
| Lss | = Lalu Lintas Sumbu Standar |
| MR | = Modulus Resilient |
| n | = Umur Rencana |

| | |
|--------------|--|
| N | = Faktor Umur Rencana |
| R | = Reliability |
| So | = Deviasi Standar Keseluruhan |
| SN | = Structural Number |
| STA | = Stationing/Penentuan Jarak Dimulai Dari Titik Awal |
| VDF | = Vehicle Damage Factor (Faktro Ekvivalen Beban) |
| W18 | = Lintas Ekvivalen Selama Umur Rencana |
| ZR | = Simpangan Baku Norma |
| Δ PSI | = Selisih Indeks Permukaan Awal dan Akhir |

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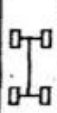

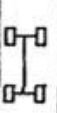



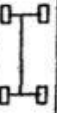

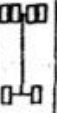

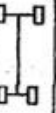

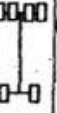



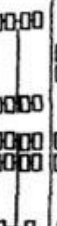
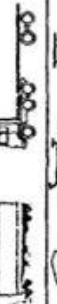


Survey LHR



Survey LHR



Kondisi Lalu Lintas Pada Pagi Hari

| Golongan | Kelompok jenis kendaraan | Jenis kendaraan | Konfigurasi sumbu | Kode |
|----------|--|--|---|-------------|
| 1 | Sepeda motor, kendaraan roda-3 |  | | |
| 2 | Sedan, jeep, station wagon |  |  | 1.1 |
| 3 | Angkutan penumpang sedang |  |  | 1.1 |
| 4 | Pick up, micro truk dan mobil hantaran |  |  | 1.1 |
| 5a | Bus kecil |  |  | 1.1 |
| 5b | Bus besar |  |  | 1.2 |
| 6a | Truk ringan 2 sumbu |  |  | 1.1 |
| 6b | Truk sedang 2 sumbu |  |  | 1.2 |
| 7a | Truk 3 sumbu |  |  | 1.2.2 |
| 7b | Truk gandengan |  |  | 1.2.2 - 2.2 |
| 7c | Truk semitrailer |  |  | 1.2.2.2.2 |
| 8 | Kendaraan tidak bermotor |  | | |

| Bulan Month | Jumlah Hari Hujan Raindays (hari/days) | Curah Hujan Rainfall (mm) | Penyinaran Matahari Sunshine (%) | Penguapan Evaporation (mm/hari) (mm/days) |
|-------------------------------|---|------------------------------------|---|--|
| (1) | (2) | (3) | (4) | (5) |
| 01. Januari/January | 6 | 60 | 57 | 4,1 |
| 02. Februari/February | 5 | 93 | 69 | 4,6 |
| 03. Maret/March | 3 | 9 | 70 | 4,3 |
| 04. April/April | 3 | 76 | 55 | 5,1 |
| 05. Mei/May | 13 | 233 | 54 | 3,7 |
| 06. Juni/June | 8 | 86 | 56 | 3,7 |
| 07. Juli/July | 7 | 131 | 64 | 3,7 |
| 08. Agustus/August | 10 | 102 | 65 | 3,3 |
| 09. September/September | 15 | 162 | 40 | 3,4 |
| 10. Oktober/October | 19 | 323 | 39 | 3,4 |
| 11. November/November | 13 | 143 | 53 | 3,4 |
| 12. Desember/December | 9 | 95 | 43 | 3,2 |
| Rata-rata/Average 2022 | 9 | 126 | 55 | 3,8 |
| Rata-rata/Average 2021 | 16 | 203 | 49 | 4,1 |

Sumber: Serdang Bedagai Dalam Angka 2023, BPS Kab.Serdang Bedagai

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+000 R/S Ukuran Konus : 60

| Nomor | Banyak Tumbukan | Kumulatif Tumbukan | Penetrasi | | DCP (mm/tumbukan) | CBR (%) |
|-------|-----------------|--------------------|-----------|------|-------------------|---------|
| | | | cm | mm | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 0 | 0 | 27,0 | 270 | 66,7 | 2,62 |
| 2 | 1 | 1 | 35,5 | 355 | | |
| 3 | 1 | 2 | 42,0 | 420 | | |
| 4 | 1 | 3 | 47,0 | 470 | | |
| 5 | 1 | 4 | 51,0 | 510 | | |
| 6 | 1 | 5 | 56,0 | 560 | 35,0 | 6,11 |
| 7 | 1 | 6 | 58,0 | 580 | | |
| 8 | 1 | 7 | 63,0 | 630 | | |
| 9 | 1 | 8 | 65,0 | 650 | | |
| 10 | 1 | 9 | 67,0 | 670 | | |
| 11 | 1 | 10 | 69,0 | 690 | 21,3 | 11,77 |
| 12 | 1 | 11 | 71,0 | 710 | | |
| 13 | 1 | 12 | 73,0 | 730 | | |
| 14 | 1 | 13 | 75,5 | 755 | | |
| 15 | 1 | 14 | 78,0 | 780 | | |
| 16 | 1 | 15 | 80,5 | 805 | | |
| 17 | 1 | 16 | 83,0 | 830 | | |
| 18 | 1 | 17 | 85,0 | 850 | | |
| 19 | 1 | 18 | 88,0 | 880 | | |
| 20 | 1 | 19 | 91,0 | 910 | | |
| 21 | 1 | 20 | 94,0 | 940 | | |
| 22 | 1 | 21 | 96,0 | 960 | | |
| 23 | 1 | 22 | 98,5 | 985 | | |
| 24 | 1 | 23 | 100,0 | 1000 | | |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+100 L/S Ukuran Konus : 60

| Nomor | Banyak Tumbukan | Kumulatif Tumbukan | Penetrasi | | DCP (mm/tumbukan) | CBR (%) |
|-------|-----------------|--------------------|-----------|------|-------------------|---------|
| | | | cm | mm | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 0 | 0 | 36,0 | 360 | 100 | 1,54 |
| 2 | 1 | 1 | 44,0 | 440 | | |
| 3 | 1 | 2 | 56,0 | 560 | | |
| 4 | 1 | 3 | 59,0 | 590 | 31,7 | 6,97 |
| 5 | 1 | 4 | 62,0 | 620 | | |
| 6 | 1 | 5 | 64,0 | 640 | | |
| 7 | 1 | 6 | 66,5 | 665 | | |
| 8 | 1 | 7 | 70,0 | 700 | | |
| 9 | 1 | 8 | 75,0 | 750 | | |
| 10 | 1 | 9 | 81,0 | 810 | 40 | 5,13 |
| 11 | 1 | 10 | 83,0 | 830 | | |
| 12 | 1 | 11 | 85,5 | 855 | 20,8 | 12,08 |
| 13 | 1 | 12 | 88,0 | 880 | | |
| 14 | 1 | 13 | 89,5 | 895 | | |
| 15 | 1 | 14 | 92,0 | 920 | | |
| 16 | 1 | 15 | 94,0 | 940 | | |
| 17 | 1 | 16 | 95,5 | 955 | | |
| 18 | 1 | 17 | 97,0 | 970 | | |
| 19 | 1 | 18 | 98,5 | 985 | | |
| 20 | 1 | 19 | 100,0 | 1000 | | |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+200 R/S Ukuran Konus : 60

| Nomor | Banyak Tumbukan | Kumulatif Tumbukan | Penetrasi | | DCP (mm/tumbukan) | CBR (%) |
|-------|-----------------|--------------------|-----------|------|-------------------|---------|
| | | | cm | mm | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 0 | 0 | 13,0 | 130 | 54,2 | 3,44 |
| 2 | 5 | 5 | 40,1 | 401 | | |
| 3 | 5 | 10 | 50,0 | 500 | 20 | 12,77 |
| 4 | 5 | 15 | 63,5 | 635 | | |
| 5 | 5 | 20 | 72,0 | 720 | | |
| 6 | 5 | 25 | 82,5 | 825 | | |
| 7 | 5 | 30 | 91,0 | 910 | | |
| 8 | 5 | 35 | 100,0 | 1000 | | |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+300 L/S

Ukuran Konus : 60

| Blow | Depth h (mm) | SSP (mm/blow) | CBR (%) |
|-----------|--------------|------------------|---------|
| 1 | 2 | 3 | 4 |
| 0 | 50 | 50,00 | 3,83 |
| 1 | 75 | 37,50 | 5,59 |
| 2 | 105 | 35,00 | 6,12 |
| 3 | 150 | 37,50 | 5,59 |
| 4 | 245 | 49,00 | 3,93 |
| 5 | 410 | 68,33 | 2,54 |
| 6 | 605 | 86,43 | 1,87 |
| 7 | 630 | 78,75 | 2,11 |
| 8 | 650 | 72,22 | 2,36 |
| 9 | 670 | 67,00 | 2,61 |
| 10 | 700 | 63,64 | 2,79 |
| 11 | 735 | 61,25 | 2,93 |
| 12 | 830 | 63,85 | 2,78 |
| 13 | 915 | 65,36 | 2,69 |
| 14 | 945 | 63,00 | 2,83 |
| 15 | 1000 | 62,50 | 2,86 |
| CBR Point | | | 3,34 |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+400 R/S

Ukuran Konus : 60

| Blow | Depth h (mm) | SSP (mm/blow) | CBR (%) |
|-----------|-----------------|------------------|---------|
| 1 | 2 | 3 | 4 |
| 0 | 35 | 35,00 | 6,12 |
| 1 | 50 | 25,00 | 5,52 |
| 2 | 65 | 21,67 | 11,48 |
| 3 | 85 | 21,25 | 11,78 |
| 4 | 112 | 22,40 | 10,99 |
| 5 | 155 | 25,83 | 9,12 |
| 6 | 220 | 31,43 | 7,05 |
| 7 | 320 | 40,10 | 5,13 |
| 8 | 470 | 52,22 | 3,62 |
| 9 | 620 | 62,00 | 2,89 |
| 10 | 650 | 59,09 | 3,08 |
| 11 | 680 | 56,67 | 3,25 |
| 12 | 730 | 56,15 | 3,29 |
| 13 | 880 | 62,86 | 2,84 |
| 14 | 920 | 61,33 | 2,93 |
| 15 | 945 | 59,06 | 3,08 |
| 16 | 965 | 56,76 | 3,24 |
| 17 | 1000 | 55,56 | 3,34 |
| CBR point | | | 5,49 |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+500 L/S

Ukuran Konus : 60

| Blow | Depth h (mm) | SSP (mm/blow) | CBR (%) |
|-----------|--------------|---------------|---------|
| 1 | 2 | 3 | 4 |
| 0 | 160 | 160,00 | 0,83 |
| 1 | 240 | 120,00 | 1,21 |
| 2 | 300 | 100,00 | 1,54 |
| 3 | 370 | 92,50 | 1,71 |
| 4 | 440 | 88,00 | 1,82 |
| 5 | 500 | 83,33 | 1,92 |
| 6 | 550 | 78,57 | 2,12 |
| 7 | 580 | 72,50 | 2,35 |
| 8 | 620 | 68,89 | 2,51 |
| 9 | 650 | 65,00 | 2,71 |
| 10 | 690 | 62,73 | 2,84 |
| 11 | 710 | 59,17 | 3,07 |
| 12 | 750 | 57,69 | 3,17 |
| 13 | 780 | 55,71 | 3,32 |
| 14 | 800 | 53,33 | 3,52 |
| 15 | 820 | 51,25 | 3,71 |
| 16 | 840 | 49,41 | 3,89 |
| 17 | 860 | 47,78 | 4,07 |
| 18 | 880 | 46,32 | 4,24 |
| 19 | 900 | 45,00 | 4,40 |
| 20 | 920 | 43,81 | 4,56 |
| 21 | 950 | 43,13 | 4,64 |
| 22 | 1000 | 43,48 | 4,60 |
| CBR Point | | | 2,99 |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+600 R/S

| Blow | Depth h (mm) | SSP (mm/blow) | CBR (%) |
|-----------|-----------------|------------------|---------|
| 1 | 2 | 3 | 4 |
| 0 | 100 | 100 | 1,54 |
| 1 | 130 | 65 | 2,71 |
| 2 | 150 | 50 | 3,83 |
| 3 | 170 | 42,5 | 4,74 |
| 4 | 185 | 37 | 5,69 |
| 5 | 200 | 33,33 | 6,52 |
| 6 | 215 | 30,71 | 7,26 |
| 7 | 230 | 28,75 | 7,92 |
| 8 | 245 | 27,22 | 8,51 |
| CBR Point | | | 5,41 |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+700 L/S

Ukuran Konus : 60

| Blow | Depth h (mm) | SSP (mm/blow) | CBR (%) |
|-----------|-----------------|------------------|---------|
| 1 | 2 | 3 | 4 |
| 0 | 57 | 57,00 | 3,23 |
| 1 | 85 | 42,50 | 4,74 |
| 2 | 118 | 39,33 | 5,25 |
| 3 | 150 | 37,50 | 5,59 |
| 4 | 190 | 38,00 | 5,49 |
| 5 | 245 | 40,83 | 5,00 |
| 6 | 300 | 42,86 | 4,69 |
| 7 | 355 | 44,38 | 4,48 |
| 8 | 505 | 56,11 | 3,29 |
| 9 | 545 | 54,50 | 3,42 |
| 10 | 560 | 50,91 | 3,74 |
| 11 | 575 | 47,92 | 4,05 |
| 12 | 590 | 45,38 | 4,35 |
| 13 | 610 | 43,57 | 4,59 |
| 14 | 630 | 42,00 | 4,82 |
| 15 | 655 | 40,44 | 4,98 |
| 16 | 680 | 40,00 | 5,13 |
| 17 | 715 | 39,72 | 5,18 |
| 18 | 770 | 40,53 | 5,05 |
| 19 | 840 | 42,00 | 4,82 |
| 20 | 930 | 44,29 | 4,49 |
| 21 | 1000 | 45,45 | 4,34 |
| CBR Point | | | 4,58 |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+800 R/S

Ukuran Konus : 60

| Blow | Depth h (mm) | SSP (mm/blow) | CBR (%) |
|-----------|-----------------|------------------|---------|
| 1 | 2 | 3 | 4 |
| 0 | 40 | 40,00 | 5,13 |
| 1 | 80 | 40,00 | 5,13 |
| 2 | 130 | 43,33 | 4,62 |
| 3 | 200 | 50,00 | 3,83 |
| 4 | 455 | 91,00 | 1,74 |
| 5 | 525 | 87,50 | 1,84 |
| 6 | 500 | 80,00 | 2,07 |
| 7 | 590 | 73,75 | 2,30 |
| 8 | 620 | 68,80 | 2,51 |
| 9 | 660 | 66,00 | 2,66 |
| 10 | 770 | 70,00 | 2,46 |
| 11 | 830 | 69,17 | 2,50 |
| 12 | 875 | 67,31 | 2,59 |
| 13 | 895 | 63,93 | 2,77 |
| 14 | 910 | 60,67 | 2,97 |
| 15 | 930 | 58,13 | 3,14 |
| 16 | 945 | 55,59 | 3,33 |
| 17 | 960 | 53,23 | 3,52 |
| 18 | 1000 | 52,63 | 3,58 |
| CBR Point | | | 3,09 |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 0+900 L/S Ukuran Konus : 60

| Nomor | Banyak Tumbukan | Kumulatif Tumbukan | Penetrasi | | DCP (mm/tumbukan) | CBR (%) |
|-------|-----------------|--------------------|-----------|------|-------------------|---------|
| | | | cm | mm | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 0 | 0 | 12,0 | 120 | 74,0 | 2,29 |
| 2 | 1 | 1 | 20,0 | 200 | | |
| 3 | 1 | 2 | 28,0 | 280 | | |
| 4 | 1 | 3 | 37,0 | 370 | | |
| 5 | 1 | 4 | 44,5 | 445 | | |
| 6 | 1 | 5 | 49,0 | 490 | | |
| 7 | 1 | 6 | 52,0 | 520 | 26,8 | 8,66 |
| 8 | 1 | 7 | 55,0 | 550 | | |
| 9 | 1 | 8 | 57,5 | 575 | | |
| 10 | 1 | 9 | 59,5 | 595 | | |
| 11 | 1 | 10 | 61,5 | 615 | | |
| 12 | 1 | 11 | 65,0 | 650 | | |
| 13 | 1 | 12 | 69,0 | 690 | | |
| 14 | 1 | 13 | 71,0 | 710 | | |
| 15 | 1 | 14 | 74,0 | 740 | | |
| 16 | 1 | 15 | 76,5 | 765 | | |
| 17 | 1 | 16 | 79,0 | 790 | | |
| 18 | 1 | 17 | 81,0 | 810 | | |
| 19 | 1 | 18 | 83,5 | 835 | | |
| 20 | 1 | 19 | 85,0 | 850 | | |
| 21 | 1 | 20 | 88,0 | 880 | | |
| 22 | 1 | 21 | 92,5 | 925 | | |
| 23 | 1 | 22 | 95,5 | 955 | | |
| 24 | 1 | 23 | 97,5 | 975 | | |
| 25 | 1 | 24 | 100,0 | 1000 | | |

DYNAMIC CONE PENETROMETER (DCP)
FIELD CBR VALUE

No. Ruas :

Ruas Jalan : Jalan H.T. Rizal Nurdin

Station : 1+000 R/S Ukuran Konus : 60

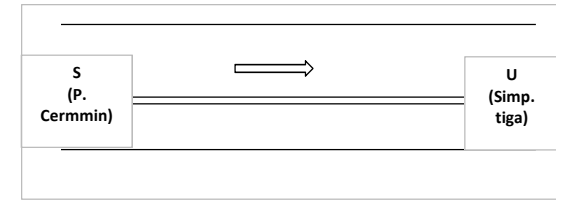
| Nomor | Banyak Tumbukan | Kumulatif Tumbukan | Penetrasi | | DCP (mm/tumbukan) | CBR (%) |
|-------|-----------------|--------------------|-----------|-----|-------------------|---------|
| | | | cm | mm | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | 0 | 0 | 15,0 | 150 | 60,0 | 3,01 |
| 2 | 1 | 1 | 22,0 | 220 | | |
| 3 | 1 | 2 | 28,5 | 285 | | |
| 4 | 1 | 3 | 33,0 | 330 | | |
| 5 | 1 | 4 | 37,5 | 375 | 36,7 | 5,75 |
| 6 | 1 | 5 | 41,0 | 410 | | |
| 7 | 1 | 6 | 44,5 | 445 | | |
| 8 | 1 | 7 | 47,5 | 475 | | |
| 9 | 1 | 8 | 51,0 | 510 | | |
| 10 | 1 | 9 | 55,0 | 550 | | |
| 11 | 1 | 10 | 58,0 | 580 | 19,3 | 13,31 |
| 12 | 1 | 11 | 60,5 | 605 | | |
| 13 | 1 | 12 | 63,0 | 630 | | |
| 14 | 1 | 13 | 65,0 | 650 | | |
| 15 | 1 | 14 | 67,0 | 670 | | |
| 16 | 1 | 15 | 69,0 | 690 | | |
| 17 | 1 | 16 | 71,0 | 710 | | |
| 18 | 1 | 17 | 73,0 | 730 | | |
| 19 | 1 | 18 | 75,0 | 750 | | |
| 20 | 1 | 19 | 76,0 | 760 | | |
| 21 | 1 | 20 | 77,5 | 775 | | |
| 22 | 1 | 21 | 79,5 | 795 | | |
| 23 | 1 | 22 | 81,0 | 810 | | |
| 24 | 1 | 23 | 82,5 | 825 | | |
| 25 | 1 | 24 | 84,0 | 840 | | |
| 26 | 1 | 25 | 86,0 | 860 | | |
| 27 | 1 | 26 | 87,0 | 870 | | |
| 28 | 1 | 27 | 89,5 | 895 | | |
| 29 | 1 | 28 | 91,5 | 915 | | |
| 30 | 1 | 29 | 93,5 | 935 | | |
| 31 | 1 | 30 | 95,0 | 950 | | |
| 32 | 1 | 31 | 97,5 | 975 | | |
| 33 | 1 | 32 | 99,5 | 995 | | |

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 7 Juni 2025
 Nomor Pos : 4
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca | |
|--------------------|--------------------------|-----------------------|-----------|------------------------|---------------------------|-----------|-----------|------------------------------|----------------------------|------------------------|-----------|----------------------------|---------|--|
| | Kendaraan Penumpang | | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | | |
| | | | | | | | | | | | | | | |
| | Kendaraan Ringan Pribadi | Kendaraan Ringan Umum | Mikro Bus | Pick Up Mobil Hantaran | Bus Besar | Truk 2 As | Truk 3 As | Mobil Gandengan Semi Trailer | Sepeda Motor/Betor Scooter | Sepeda | Becak | Tak Bermotor ditarik Hewan | | |
| 06:00 - 06:15 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 56 | 1 | 9 | 0 | Mendung | |
| 06:15 - 06:30 | 6 | 2 | 0 | 8 | 0 | 0 | 0 | 0 | 95 | 0 | 6 | 0 | Mendung | |
| 06:30 - 06:45 | 10 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 96 | 2 | 1 | 0 | Mendung | |
| 06:45 - 07:00 | 11 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 89 | 1 | 13 | 0 | Mendung | |
| Total 1 Jam | 29 | 2 | 0 | 16 | 0 | 3 | 0 | 0 | 336 | 4 | 29 | 0 | | |
| 07:00 - 07:15 | 12 | 1 | 2 | 1 | 0 | 3 | 0 | 0 | 127 | 1 | 6 | 0 | Mendung | |
| 07:15 - 07:30 | 21 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 146 | 0 | 10 | 0 | Mendung | |
| 07:30 - 07:45 | 12 | 1 | 0 | 6 | 0 | 6 | 1 | 0 | 111 | 1 | 9 | 0 | Cerah | |
| 07:45 - 08:00 | 10 | 1 | 0 | 3 | 0 | 3 | 0 | 0 | 133 | 1 | 11 | 0 | Cerah | |
| Total 1 Jam | 55 | 3 | 4 | 12 | 0 | 12 | 1 | 0 | 517 | 3 | 36 | 0 | | |
| | 84 | 5 | 4 | 28 | 0 | 15 | 1 | 0 | 853 | | | 72 | | |
| 08:00 - 08:15 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 129 | 0 | 11 | 0 | Cerah | |
| 08:15 - 08:30 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 110 | 2 | 9 | 0 | Cerah | |
| 08:30 - 08:45 | 11 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 100 | 0 | 11 | 0 | Cerah | |
| 08:45 - 09:00 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 102 | 0 | 9 | 0 | Cerah | |
| Total 1 Jam | 56 | 2 | 0 | 7 | 0 | 2 | 0 | 0 | 441 | 2 | 40 | 0 | | |
| 09:00 - 09:15 | 7 | 1 | 0 | 4 | 0 | 1 | 0 | 0 | 114 | 4 | 8 | 0 | Cerah | |
| 09:15 - 09:30 | 10 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 112 | 0 | 13 | 0 | Cerah | |
| 09:30 - 09:45 | 13 | 0 | 0 | 2 | 0 | 3 | 1 | 0 | 117 | 0 | 14 | 0 | Cerah | |
| 09:45 - 10:00 | 18 | 0 | 0 | 3 | 1 | 3 | 0 | 0 | 125 | 0 | 5 | 0 | Cerah | |
| Total 1 Jam | 48 | 1 | 0 | 11 | 1 | 10 | 1 | 0 | 468 | 4 | 40 | 0 | | |
| | 104 | 3 | 0 | 18 | 1 | 12 | 1 | 0 | 909 | | | 86 | | |
| 10:00 - 10:15 | 16 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 121 | 0 | 9 | 0 | Cerah | |
| 10:15 - 10:30 | 14 | 0 | 1 | 3 | 2 | 0 | 0 | 0 | 123 | 0 | 11 | 0 | Cerah | |
| 10:30 - 10:45 | 16 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 114 | 0 | 6 | 0 | Cerah | |
| 10:45 - 11:00 | 11 | 1 | 2 | 4 | 1 | 0 | 0 | 0 | 107 | 1 | 7 | 0 | Cerah | |
| Total 1 Jam | 57 | 2 | 4 | 15 | 3 | 2 | 0 | 0 | 465 | 1 | 33 | 0 | | |
| 11:00 - 11:15 | 10 | 1 | 2 | 6 | 3 | 0 | 0 | 0 | 105 | 0 | 6 | 0 | Cerah | |

| | | | | | | | | | | | | | |
|--------------------|------------|----------|-----------|-----------|----------|-----------|----------|----------|------------|----------|-----------|--------------------|---------|
| 11:15 - 11:30 | 14 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 93 | 0 | 9 | 0 | Cerah |
| 11:30 - 11:45 | 13 | 1 | 3 | 5 | 1 | 2 | 1 | 0 | 97 | 0 | 11 | 0 | Cerah |
| 11:45 - 12:00 | 9 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 80 | 0 | 5 | 0 | Cerah |
| Total 1 Jam | 46 | 2 | 8 | 20 | 4 | 5 | 1 | 0 | 375 | 0 | 31 | 0 | |
| | 103 | 4 | 12 | 35 | 7 | 7 | 1 | 0 | 840 | | | 65 | |
| 12:00 - 12:15 | 11 | 1 | 2 | 5 | 0 | 3 | 1 | 0 | 68 | 1 | 7 | 0 | Cerah |
| 12:15 - 12:30 | 18 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 79 | 0 | 5 | 0 | Cerah |
| 12:30 - 12:45 | 14 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 66 | 0 | 4 | 0 | Cerah |
| 12:45 - 13:00 | 8 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 88 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 51 | 2 | 4 | 12 | 0 | 9 | 2 | 0 | 301 | 1 | 26 | 0 | |
| 13:00 - 13:15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 5 | 0 | Cerah |
| 13:15 - 13:30 | 23 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 82 | 1 | 4 | 0 | Cerah |
| 13:30 - 13:45 | 30 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 85 | 0 | 1 | 0 | Cerah |
| 13:45 - 14:00 | 17 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| Total 1 Jam | 81 | 1 | 4 | 6 | 0 | 3 | 0 | 0 | 337 | 1 | 17 | 0 | |
| | 132 | 3 | 8 | 18 | 0 | 12 | 2 | 0 | 638 | | | 45 | |
| 14:00 - 14:15 | 21 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 102 | 0 | 6 | 0 | Cerah |
| 14:15 - 14:30 | 19 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 95 | 0 | 11 | 0 | Cerah |
| 14:30 - 14:45 | 15 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 99 | 0 | 8 | 0 | Cerah |
| 14:45 - 15:00 | 20 | 1 | 1 | 5 | 1 | 3 | 0 | 0 | 96 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 75 | 3 | 2 | 14 | 2 | 3 | 0 | 0 | 392 | 1 | 32 | 0 | |
| 15:00 - 15:15 | 24 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 104 | 0 | 8 | 0 | Cerah |
| 15:15 - 15:30 | 27 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 97 | 0 | 9 | 0 | Cerah |
| 15:30 - 15:45 | 26 | 1 | 0 | 3 | 0 | 2 | 0 | 0 | 113 | 0 | 6 | 0 | Cerah |
| 15:45 - 16:00 | 31 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 116 | 0 | 11 | 0 | Mendung |
| Total 1 Jam | 108 | 3 | 2 | 17 | 0 | 6 | 0 | 0 | 430 | 0 | 34 | 0 | |
| | 183 | 6 | 4 | 31 | 2 | 9 | 0 | 0 | 822 | | | 67 | |
| 16:00 - 16:15 | 30 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 120 | 0 | 11 | 0 | Mendung |
| 16:15 - 16:30 | 37 | 2 | 0 | 9 | 0 | 2 | 0 | 0 | 138 | 1 | 2 | 0 | Mendung |
| 16:30 - 16:45 | 33 | 2 | 0 | 5 | 0 | 3 | 0 | 0 | 136 | 0 | 10 | 0 | Mendung |
| 16:45 - 17:00 | 31 | 1 | 1 | 5 | 0 | 2 | 0 | 0 | 52 | 0 | 9 | 0 | Hujan |
| Total 1 Jam | 131 | 7 | 1 | 21 | 0 | 7 | 0 | 0 | 446 | 1 | 32 | 0 | |
| 17:00 - 17:15 | 19 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 58 | 0 | 5 | 0 | Hujan |
| 17:15 - 17:30 | 15 | 1 | 0 | 2 | 0 | 6 | 0 | 0 | 93 | 0 | 7 | 0 | Gerimis |
| 17:30 - 17:45 | 14 | 0 | 0 | 4 | 0 | 3 | 1 | 0 | 78 | 0 | 6 | 0 | Gerimis |
| 17:45 - 18:00 | 19 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 83 | 0 | 3 | 0 | Gerimis |
| Total 1 Jam | 67 | 1 | 0 | 10 | 0 | 14 | 1 | 0 | 312 | 0 | 21 | 0 | |
| | 198 | 8 | 1 | 31 | 0 | 21 | 1 | 0 | 758 | | | 54 | |
| TOTAL | 134 | 5 | 5 | 27 | 2 | 13 | 1 | 0 | 803 | | | 64,83333333 | |

Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

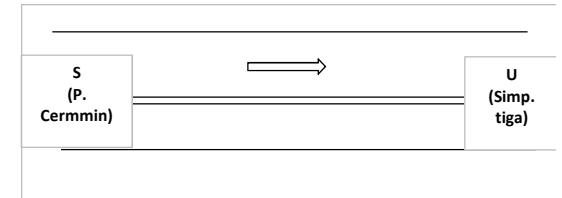
Petugas Paraf Supervisor Paraf

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 8 Juni 2025
 Nomor Pos : 4
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|--------------------------|-----------------------|-----------|---------------------------|-----------|-----------|-----------|------------------------------|----------------------------|------------------------|-----------|----------------------------|-------|
| | Kendaraan Penumpang | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| | | | | | | | | | | | | | |
| | Kendaraan Ringan Pribadi | Kendaraan Ringan Umum | Mikro Bus | Pick Up Mobil Hantaran | Bus Besar | Truk 2 As | Truk 3 As | Mobil Gandengan Semi Trailer | Sepeda Motor/Betor Scooter | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 56 | 1 | 9 | 0 | Cerah |
| 06:15 - 06:30 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 97 | 0 | 6 | 0 | Cerah |
| 06:30 - 06:45 | 9 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 94 | 2 | 4 | 0 | Cerah |
| 06:45 - 07:00 | 9 | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 90 | 1 | 11 | 0 | Cerah |
| Total 1 Jam | 29 | 2 | 2 | 12 | 0 | 3 | 0 | 0 | 337 | 4 | 30 | 0 | |
| 07:00 - 07:15 | 11 | 1 | 2 | 1 | 0 | 3 | 0 | 0 | 121 | 2 | 8 | 0 | Cerah |
| 07:15 - 07:30 | 18 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 143 | 0 | 7 | 0 | Cerah |
| 07:30 - 07:45 | 15 | 2 | 0 | 4 | 0 | 3 | 1 | 0 | 115 | 2 | 9 | 0 | Cerah |
| 07:45 - 08:00 | 16 | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 131 | 1 | 9 | 0 | Cerah |
| Total 1 Jam | 60 | 4 | 5 | 10 | 0 | 9 | 1 | 0 | 510 | 5 | 33 | 0 | |
| | 89 | 6 | 7 | 22 | 0 | 12 | 1 | 0 | 847 | | | 72 | |
| 08:00 - 08:15 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 121 | 0 | 12 | 0 | Cerah |
| 08:15 - 08:30 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 111 | 2 | 7 | 0 | Cerah |
| 08:30 - 08:45 | 15 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 104 | 1 | 9 | 0 | Cerah |
| 08:45 - 09:00 | 14 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 103 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 56 | 3 | 4 | 4 | 2 | 2 | 0 | 0 | 439 | 3 | 38 | 0 | |
| 09:00 - 09:15 | 21 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 113 | 2 | 9 | 0 | Cerah |
| 09:15 - 09:30 | 24 | 3 | 0 | 2 | 0 | 3 | 0 | 0 | 110 | 0 | 11 | 0 | Cerah |
| 09:30 - 09:45 | 15 | 1 | 2 | 2 | 0 | 2 | 1 | 0 | 115 | 0 | 12 | 0 | Cerah |
| 09:45 - 10:00 | 19 | 5 | 1 | 0 | 1 | 1 | 0 | 0 | 125 | 0 | 5 | 0 | Cerah |
| Total 1 Jam | 79 | 13 | 3 | 4 | 1 | 7 | 1 | 0 | 463 | 2 | 37 | 0 | |
| | 135 | 16 | 7 | 8 | 3 | 9 | 1 | 0 | 902 | | | 80 | |
| 10:00 - 10:15 | 21 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 121 | 0 | 9 | 0 | Cerah |
| 10:15 - 10:30 | 24 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 124 | 0 | 10 | 0 | Cerah |
| 10:30 - 10:45 | 19 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 112 | 1 | 7 | 0 | Cerah |
| 10:45 - 11:00 | 18 | 1 | 3 | 4 | 1 | 0 | 0 | 0 | 110 | 0 | 8 | 0 | Cerah |
| Total 1 Jam | 82 | 5 | 6 | 7 | 2 | 2 | 0 | 0 | 467 | 1 | 34 | 0 | |
| 11:00 - 11:15 | 15 | 1 | 4 | 0 | 3 | 0 | 0 | 0 | 107 | 0 | 7 | 0 | Cerah |

| | | | | | | | | | | | | | |
|---------------|--------------|--------------------|-----------|-----------|----------|----------|--------------------|----------|--------------------|---|----|--------------------|-------|
| 11:15 - 11:30 | 18 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 97 | 0 | 8 | 0 | Cerah |
| 11:30 - 11:45 | 21 | 1 | 2 | 0 | 1 | 2 | 1 | 0 | 94 | 0 | 10 | 0 | Cerah |
| 11:45 - 12:00 | 25 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 84 | 1 | 6 | 0 | Cerah |
| Total 1 Jam | 79 | 3 | 7 | 4 | 4 | 3 | 1 | 0 | 382 | 1 | 31 | 0 | |
| | 161 | 8 | 13 | 11 | 6 | 5 | 1 | 0 | 849 | | | 67 | |
| 12:00 - 12:15 | 17 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 65 | 0 | 8 | 0 | Cerah |
| 12:15 - 12:30 | 21 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 74 | 0 | 4 | 0 | Cerah |
| 12:30 - 12:45 | 17 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 68 | 0 | 4 | 0 | Cerah |
| 12:45 - 13:00 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 87 | 0 | 7 | 0 | Cerah |
| Total 1 Jam | 66 | 4 | 6 | 2 | 0 | 5 | 1 | 0 | 294 | 0 | 23 | 0 | |
| 13:00 - 13:15 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 4 | 0 | Cerah |
| 13:15 - 13:30 | 20 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 84 | 1 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 24 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 87 | 0 | 1 | 0 | Cerah |
| 13:45 - 14:00 | 19 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 3 | 0 | Cerah |
| Total 1 Jam | 76 | 2 | 5 | 1 | 0 | 2 | 0 | 0 | 337 | 1 | 13 | 0 | |
| | 142 | 6 | 11 | 3 | 0 | 7 | 1 | 0 | 631 | | | 37 | |
| 14:00 - 14:15 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 6 | 0 | Cerah |
| 14:15 - 14:30 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 0 | 12 | 0 | Cerah |
| 14:30 - 14:45 | 18 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 95 | 0 | 8 | 0 | Cerah |
| 14:45 - 15:00 | 31 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 97 | 1 | 9 | 0 | Cerah |
| Total 1 Jam | 91 | 4 | 3 | 3 | 1 | 2 | 0 | 0 | 392 | 1 | 35 | 0 | |
| 15:00 - 15:15 | 37 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 102 | 0 | 8 | 0 | Cerah |
| 15:15 - 15:30 | 39 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| 15:30 - 15:45 | 26 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 111 | 0 | 9 | 0 | Cerah |
| 15:45 - 16:00 | 33 | 2 | 2 | 5 | 0 | 0 | 1 | 0 | 114 | 0 | 11 | 0 | Cerah |
| Total 1 Jam | 135 | 5 | 5 | 10 | 0 | 4 | 1 | 0 | 426 | 0 | 35 | 0 | |
| | 226 | 9 | 8 | 13 | 1 | 6 | 1 | 0 | 818 | | | 71 | |
| 16:00 - 16:15 | 31 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 121 | 0 | 7 | 0 | Cerah |
| 16:15 - 16:30 | 43 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 141 | 1 | 6 | 0 | Cerah |
| 16:30 - 16:45 | 49 | 3 | 0 | 5 | 0 | 1 | 0 | 0 | 140 | 0 | 11 | 0 | Cerah |
| 16:45 - 17:00 | 51 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 135 | 0 | 9 | 0 | Cerah |
| Total 1 Jam | 174 | 7 | 3 | 7 | 2 | 5 | 0 | 0 | 537 | 1 | 33 | 0 | |
| 17:00 - 17:15 | 54 | 4 | 5 | 2 | 2 | 1 | 0 | 0 | 143 | 0 | 5 | 0 | Cerah |
| 17:15 - 17:30 | 58 | 5 | 3 | 0 | 3 | 4 | 2 | 0 | 146 | 0 | 5 | 0 | Cerah |
| 17:30 - 17:45 | 57 | 4 | 4 | 4 | 1 | 3 | 1 | 0 | 139 | 0 | 7 | 0 | Cerah |
| 17:45 - 18:00 | 59 | 3 | 5 | 2 | 0 | 2 | 0 | 0 | 141 | 0 | 8 | 0 | Cerah |
| Total 1 Jam | 228 | 16 | 17 | 8 | 6 | 10 | 3 | 0 | 569 | 0 | 25 | 0 | |
| | 402 | 23 | 20 | 15 | 8 | 15 | 3 | 0 | 1106 | | | 59 | |
| TOTAL | 192,5 | 11,33333333 | 11 | 12 | 3 | 9 | 1,333333333 | 0 | 858,8333333 | | | 64,33333333 | |

Petugas Paraf Supervisor Paraf

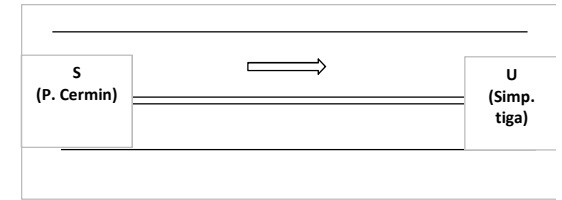
Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 10 Juni 2025
 Nomor Pos : 4
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|---------------------|----------|----------|-----------|---------------------------|----------|----------|----------|--------------|------------------------|-----------|----------------------------|-------|
| | Kendaraan Penumpang | | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 10 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 85 | 2 | 3 | 0 | Cerah |
| 06:15 - 06:30 | 13 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 97 | 0 | 5 | 0 | Cerah |
| 06:30 - 06:45 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 103 | 1 | 6 | 0 | Cerah |
| 06:45 - 07:00 | 21 | 2 | 1 | 2 | 0 | 1 | 0 | 0 | 115 | 3 | 5 | 0 | Cerah |
| Total 1 Jam | 59 | 3 | 3 | 4 | 0 | 2 | 0 | 0 | 400 | 6 | 19 | 0 | |
| 07:00 - 07:15 | 25 | 0 | 1 | 2 | 0 | 2 | 1 | 0 | 121 | 3 | 9 | 0 | Cerah |
| 07:15 - 07:30 | 29 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 127 | 0 | 11 | 0 | Cerah |
| 07:30 - 07:45 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 2 | 13 | 0 | Cerah |
| 07:45 - 08:00 | 25 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 131 | 1 | 9 | 0 | Cerah |
| Total 1 Jam | 102 | 3 | 2 | 5 | 0 | 3 | 1 | 0 | 509 | 6 | 42 | 0 | |
| | 161 | 6 | 5 | 9 | 0 | 5 | 1 | 0 | 909 | | | 73 | |
| 08:00 - 08:15 | 15 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 125 | 2 | 8 | 0 | Cerah |
| 08:15 - 08:30 | 13 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 122 | 1 | 9 | 0 | Cerah |
| 08:30 - 08:45 | 11 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 113 | 0 | 7 | 0 | Cerah |
| 08:45 - 09:00 | 16 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 107 | 1 | 8 | 0 | Cerah |
| Total 1 Jam | 55 | 4 | 2 | 9 | 1 | 2 | 0 | 0 | 467 | 4 | 32 | 0 | |
| 09:00 - 09:15 | 14 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 110 | 2 | 5 | 0 | Cerah |
| 09:15 - 09:30 | 19 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 104 | 0 | 4 | 0 | Cerah |
| 09:30 - 09:45 | 15 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 99 | 0 | 6 | 0 | Cerah |
| 09:45 - 10:00 | 16 | 1 | 2 | 3 | 0 | 3 | 0 | 0 | 106 | 0 | 6 | 0 | Cerah |
| Total 1 Jam | 64 | 3 | 3 | 15 | 0 | 5 | 0 | 0 | 419 | 2 | 21 | 0 | |
| | 119 | 7 | 5 | 24 | 1 | 7 | 0 | 0 | 886 | | | 59 | |
| 10:00 - 10:15 | 24 | 1 | 0 | 3 | 0 | 1 | 0 | 0 | 98 | 0 | 5 | 0 | Cerah |
| 10:15 - 10:30 | 21 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 92 | 0 | 7 | 0 | Cerah |
| 10:30 - 10:45 | 25 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 88 | 1 | 7 | 0 | Cerah |
| 10:45 - 11:00 | 29 | 2 | 2 | 4 | 1 | 0 | 0 | 0 | 93 | 0 | 6 | 0 | Cerah |
| Total 1 Jam | 99 | 3 | 3 | 13 | 1 | 4 | 0 | 0 | 371 | 1 | 25 | 0 | |
| 11:00 - 11:15 | 31 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 101 | 0 | 7 | 0 | Cerah |

| | | | | | | | | | | | | | |
|--------------------|--------------------|------------|------------|--------------------|----------|-----------|--------------------|--------------------|--------------------|----------|-----------|--------------------|-------|
| 11:15 - 11:30 | 27 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 102 | 0 | 6 | 0 | Cerah |
| 11:30 - 11:45 | 35 | 1 | 1 | 2 | 1 | 2 | 1 | 0 | 111 | 0 | 11 | 0 | Cerah |
| 11:45 - 12:00 | 31 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 115 | 0 | 13 | 0 | Cerah |
| Total 1 Jam | 124 | 3 | 3 | 12 | 1 | 2 | 1 | 0 | 429 | 0 | 37 | 0 | |
| | 223 | 6 | 6 | 25 | 2 | 6 | 1 | 0 | 800 | | | 63 | |
| 12:00 - 12:15 | 37 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 121 | 0 | 12 | 0 | Cerah |
| 12:15 - 12:30 | 36 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 127 | 1 | 11 | 0 | Cerah |
| 12:30 - 12:45 | 40 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 124 | 0 | 9 | 0 | Cerah |
| 12:45 - 13:00 | 39 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 120 | 2 | 6 | 0 | Cerah |
| Total 1 Jam | 152 | 3 | 3 | 11 | 0 | 2 | 0 | 0 | 492 | 3 | 38 | 0 | |
| 13:00 - 13:15 | 41 | 1 | 1 | 4 | 0 | 1 | 0 | 0 | 117 | 2 | 7 | 0 | Cerah |
| 13:15 - 13:30 | 37 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 119 | 0 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 35 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 104 | 0 | 6 | 0 | Cerah |
| 13:45 - 14:00 | 27 | 1 | 2 | 4 | 0 | 2 | 0 | 0 | 102 | 0 | 7 | 0 | Cerah |
| Total 1 Jam | 140 | 3 | 3 | 13 | 0 | 5 | 0 | 0 | 442 | 2 | 25 | 0 | |
| | 292 | 6 | 6 | 24 | 0 | 7 | 0 | 0 | 934 | | | 68 | |
| 14:00 - 14:15 | 31 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 100 | 0 | 8 | 0 | Cerah |
| 14:15 - 14:30 | 33 | 1 | 1 | 3 | 0 | 0 | 0 | 1 | 105 | 1 | 9 | 0 | Cerah |
| 14:30 - 14:45 | 32 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 112 | 0 | 9 | 0 | Cerah |
| 14:45 - 15:00 | 34 | 2 | 0 | 4 | 0 | 3 | 0 | 0 | 115 | 1 | 11 | 0 | Cerah |
| Total 1 Jam | 130 | 4 | 2 | 12 | 0 | 3 | 0 | 1 | 432 | 2 | 37 | 0 | |
| 15:00 - 15:15 | 31 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 117 | 0 | 12 | 0 | Cerah |
| 15:15 - 15:30 | 33 | 0 | 0 | 5 | 2 | 2 | 1 | 0 | 109 | 0 | 10 | 0 | Cerah |
| 15:30 - 15:45 | 26 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 105 | 0 | 13 | 0 | Cerah |
| 15:45 - 16:00 | 34 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 102 | 0 | 11 | 0 | Cerah |
| Total 1 Jam | 124 | 3 | 4 | 15 | 2 | 4 | 1 | 0 | 433 | 0 | 46 | 0 | |
| | 254 | 7 | 6 | 27 | 2 | 7 | 1 | 1 | 865 | | | 85 | |
| 16:00 - 16:15 | 29 | 0 | 3 | 5 | 0 | 1 | 0 | 0 | 112 | 0 | 9 | 0 | Cerah |
| 16:15 - 16:30 | 25 | 0 | 2 | 3 | 0 | 3 | 0 | 0 | 107 | 0 | 6 | 0 | Cerah |
| 16:30 - 16:45 | 33 | 1 | 0 | 4 | 0 | 4 | 0 | 0 | 119 | 1 | 8 | 0 | Cerah |
| 16:45 - 17:00 | 38 | 2 | 0 | 5 | 0 | 3 | 1 | 0 | 121 | 2 | 11 | 0 | Cerah |
| Total 1 Jam | 125 | 3 | 5 | 17 | 0 | 11 | 1 | 0 | 459 | 3 | 34 | 0 | |
| 17:00 - 17:15 | 41 | 0 | 0 | 6 | 0 | 3 | 0 | 0 | 125 | 0 | 11 | 0 | Cerah |
| 17:15 - 17:30 | 38 | 1 | 0 | 3 | 0 | 4 | 0 | 1 | 131 | 0 | 13 | 0 | Cerah |
| 17:30 - 17:45 | 42 | 1 | 0 | 5 | 0 | 5 | 1 | 0 | 134 | 1 | 9 | 0 | Cerah |
| 17:45 - 18:00 | 45 | 2 | 0 | 6 | 1 | 5 | 0 | 0 | 135 | 2 | 12 | 0 | Cerah |
| Total 1 Jam | 166 | 4 | 0 | 20 | 1 | 17 | 1 | 1 | 525 | 3 | 45 | 0 | |
| | 291 | 7 | 5 | 37 | 1 | 28 | 2 | 1 | 984 | | | 85 | |
| TOTAL | 223,3333333 | 6,5 | 5,5 | 24,33333333 | 1 | 10 | 0,833333333 | 0,333333333 | 896,3333333 | | | 72,16666667 | |

Petugas :..... Paraf :..... Supervisor :..... Paraf :.....

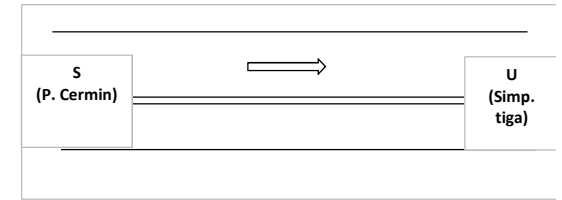
Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 11 Juni 2025
 Nomor Pos :
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|---------------------|----------|----------|-----------|---------------------------|----------|----------|----------|--------------|------------------------|-----------|----------------------------|-------|
| | Kendaraan Penumpang | | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 3 | 3 | 0 | Cerah |
| 06:15 - 06:30 | 14 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 95 | 0 | 5 | 0 | Cerah |
| 06:30 - 06:45 | 16 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 109 | 1 | 6 | 0 | Cerah |
| 06:45 - 07:00 | 23 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 113 | 2 | 4 | 0 | Cerah |
| Total 1 Jam | 64 | 1 | 2 | 3 | 0 | 2 | 0 | 0 | 408 | 6 | 18 | 0 | |
| 07:00 - 07:15 | 26 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 119 | 3 | 8 | 0 | Cerah |
| 07:15 - 07:30 | 29 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 124 | 0 | 5 | 0 | Cerah |
| 07:30 - 07:45 | 24 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 129 | 3 | 11 | 0 | Cerah |
| 07:45 - 08:00 | 26 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 131 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 105 | 2 | 2 | 4 | 0 | 3 | 1 | 0 | 503 | 7 | 31 | 0 | |
| | 169 | 3 | 4 | 7 | 0 | 5 | 1 | 0 | 911 | | | 62 | |
| 08:00 - 08:15 | 14 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 124 | 3 | 7 | 0 | Cerah |
| 08:15 - 08:30 | 13 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 121 | 0 | 9 | 0 | Cerah |
| 08:30 - 08:45 | 12 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 111 | 1 | 6 | 0 | Cerah |
| 08:45 - 09:00 | 16 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 105 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 55 | 5 | 2 | 4 | 2 | 2 | 0 | 1 | 461 | 5 | 29 | 0 | |
| 09:00 - 09:15 | 14 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 111 | 0 | 5 | 0 | Cerah |
| 09:15 - 09:30 | 12 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 103 | 0 | 6 | 0 | Cerah |
| 09:30 - 09:45 | 10 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 101 | 0 | 8 | 0 | Cerah |
| 09:45 - 10:00 | 13 | 1 | 1 | 3 | 1 | 2 | 0 | 0 | 102 | 0 | 6 | 0 | Cerah |
| Total 1 Jam | 49 | 2 | 2 | 7 | 1 | 3 | 0 | 0 | 417 | 0 | 25 | 0 | |
| | 104 | 7 | 4 | 11 | 3 | 5 | 0 | 1 | 878 | | | 59 | |
| 10:00 - 10:15 | 21 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| 10:15 - 10:30 | 19 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 94 | 0 | 8 | 0 | Cerah |
| 10:30 - 10:45 | 24 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 89 | 1 | 7 | 0 | Cerah |
| 10:45 - 11:00 | 29 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 94 | 0 | 6 | 0 | Cerah |
| Total 1 Jam | 93 | 2 | 3 | 7 | 1 | 3 | 0 | 0 | 376 | 1 | 28 | 0 | |
| 11:00 - 11:15 | 31 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 103 | 0 | 7 | 0 | Cerah |

| | | | | | | | | | | | | | |
|--------------------|------------|--------------------|--------------------|--------------------|--------------------|-----------|--------------------|--------------------|--------------|----------|-----------|-------------|-------|
| 11:15 - 11:30 | 29 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 102 | 0 | 9 | 0 | Cerah |
| 11:30 - 11:45 | 37 | 1 | 3 | 1 | 1 | 1 | 1 | 0 | 112 | 0 | 12 | 0 | Cerah |
| 11:45 - 12:00 | 33 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 115 | 2 | 10 | 0 | Cerah |
| Total 1 Jam | 130 | 2 | 7 | 4 | 2 | 2 | 1 | 0 | 432 | 2 | 38 | 0 | |
| | 223 | 4 | 10 | 11 | 3 | 5 | 1 | 0 | 808 | | | 69 | |
| 12:00 - 12:15 | 38 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 122 | 0 | 12 | 0 | Cerah |
| 12:15 - 12:30 | 35 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 124 | 1 | 10 | 0 | Cerah |
| 12:30 - 12:45 | 39 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 123 | 0 | 7 | 0 | Cerah |
| 12:45 - 13:00 | 42 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 118 | 1 | 8 | 0 | Cerah |
| Total 1 Jam | 154 | 2 | 2 | 6 | 0 | 3 | 0 | 0 | 487 | 2 | 37 | 0 | |
| 13:00 - 13:15 | 41 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 116 | 1 | 8 | 0 | Cerah |
| 13:15 - 13:30 | 39 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 119 | 0 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 37 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 107 | 0 | 5 | 0 | Cerah |
| 13:45 - 14:00 | 31 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 103 | 2 | 7 | 0 | Cerah |
| Total 1 Jam | 148 | 4 | 3 | 11 | 0 | 4 | 0 | 0 | 445 | 3 | 25 | 0 | |
| | 302 | 6 | 5 | 17 | 0 | 7 | 0 | 0 | 932 | | | 67 | |
| 14:00 - 14:15 | 34 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 100 | 0 | 8 | 0 | Cerah |
| 14:15 - 14:30 | 31 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 105 | 1 | 9 | 0 | Cerah |
| 14:30 - 14:45 | 32 | 2 | 0 | 3 | 1 | 0 | 0 | 0 | 112 | 0 | 10 | 0 | Cerah |
| 14:45 - 15:00 | 33 | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 114 | 1 | 9 | 0 | Cerah |
| Total 1 Jam | 130 | 4 | 2 | 13 | 1 | 3 | 0 | 0 | 431 | 2 | 36 | 0 | |
| 15:00 - 15:15 | 34 | 0 | 1 | 5 | 0 | 1 | 0 | 0 | 117 | 2 | 11 | 0 | Cerah |
| 15:15 - 15:30 | 31 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 107 | 0 | 9 | 0 | Cerah |
| 15:30 - 15:45 | 28 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 106 | 0 | 12 | 0 | Cerah |
| 15:45 - 16:00 | 32 | 2 | 2 | 4 | 0 | 2 | 0 | 0 | 104 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 125 | 3 | 6 | 17 | 0 | 3 | 0 | 0 | 434 | 2 | 42 | 0 | |
| | 255 | 7 | 8 | 30 | 1 | 6 | 0 | 0 | 865 | | | 82 | |
| 16:00 - 16:15 | 30 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 115 | 0 | 9 | 0 | Cerah |
| 16:15 - 16:30 | 31 | 0 | 2 | 5 | 0 | 3 | 0 | 0 | 108 | 0 | 7 | 0 | Cerah |
| 16:30 - 16:45 | 35 | 2 | 0 | 4 | 1 | 0 | 1 | 0 | 116 | 2 | 8 | 0 | Cerah |
| 16:45 - 17:00 | 39 | 2 | 3 | 5 | 0 | 3 | 2 | 0 | 124 | 1 | 10 | 0 | Cerah |
| Total 1 Jam | 135 | 4 | 5 | 19 | 1 | 7 | 3 | 0 | 463 | 3 | 34 | 0 | |
| 17:00 - 17:15 | 44 | 0 | 0 | 5 | 1 | 3 | 0 | 0 | 122 | 0 | 12 | 0 | Cerah |
| 17:15 - 17:30 | 41 | 1 | 1 | 4 | 0 | 3 | 0 | 0 | 127 | 0 | 13 | 0 | Cerah |
| 17:30 - 17:45 | 43 | 2 | 3 | 4 | 0 | 4 | 1 | 0 | 134 | 1 | 14 | 0 | Cerah |
| 17:45 - 18:00 | 46 | 1 | 0 | 4 | 1 | 3 | 1 | 1 | 133 | 2 | 11 | 0 | Cerah |
| Total 1 Jam | 174 | 4 | 4 | 17 | 2 | 13 | 2 | 1 | 516 | 3 | 50 | 0 | |
| | 309 | 8 | 9 | 36 | 3 | 20 | 5 | 1 | 979 | | | 90 | |
| TOTAL | 227 | 5,833333333 | 6,666666667 | 18,66666667 | 1,666666667 | 8 | 1,166666667 | 0,333333333 | 895,5 | | | 71,5 | |

Petugas Paraf Supervisor Paraf

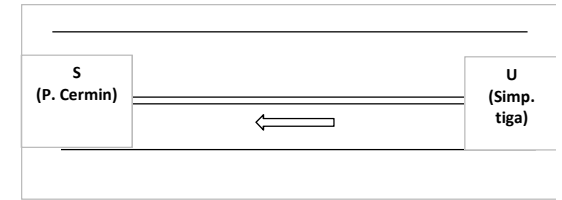
Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 7 Juni 2025
 Nomor Pos :
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|---------------------|----------|-----------|---------------------------|----------|-----------|----------|--------------|------------|------------------------|-----------|----------------------------|---------|
| | Kendaraan Penumpang | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 6 | 0 | Mendung |
| 06:15 - 06:30 | 3 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 45 | 0 | 10 | 0 | Mendung |
| 06:30 - 06:45 | 5 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 52 | 0 | 6 | 0 | Mendung |
| 06:45 - 07:00 | 10 | 0 | 1 | 5 | 0 | 1 | 0 | 0 | 70 | 0 | 6 | 0 | Mendung |
| Total 1 Jam | 21 | 1 | 5 | 7 | 0 | 6 | 0 | 0 | 202 | 0 | 28 | 0 | |
| 07:00 - 07:15 | 21 | 0 | 1 | 4 | 0 | 2 | 1 | 0 | 75 | 2 | 8 | 0 | Mendung |
| 07:15 - 07:30 | 7 | 0 | 1 | 5 | 0 | 1 | 0 | 0 | 82 | 0 | 8 | 0 | Mendung |
| 07:30 - 07:45 | 9 | 0 | 1 | 7 | 0 | 6 | 0 | 0 | 95 | 0 | 16 | 0 | Cerah |
| 07:45 - 08:00 | 7 | 0 | 0 | 8 | 0 | 1 | 0 | 0 | 78 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 44 | 0 | 3 | 24 | 0 | 10 | 1 | 0 | 330 | 3 | 39 | 0 | |
| | 65 | 1 | 8 | 31 | 0 | 16 | 1 | 0 | 532 | | | 70 | |
| 08:00 - 08:15 | 7 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 102 | 2 | 6 | 0 | Cerah |
| 08:15 - 08:30 | 6 | 1 | 3 | 7 | 0 | 0 | 0 | 0 | 94 | 1 | 12 | 0 | Cerah |
| 08:30 - 08:45 | 22 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| 08:45 - 09:00 | 24 | 1 | 1 | 6 | 1 | 6 | 0 | 0 | 97 | 1 | 6 | 0 | Cerah |
| Total 1 Jam | 59 | 3 | 5 | 19 | 2 | 6 | 0 | 0 | 392 | 4 | 31 | 0 | |
| 09:00 - 09:15 | 28 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 124 | 2 | 8 | 0 | Cerah |
| 09:15 - 09:30 | 34 | 0 | 0 | 5 | 0 | 4 | 0 | 0 | 90 | 0 | 11 | 0 | Cerah |
| 09:30 - 09:45 | 24 | 1 | 6 | 7 | 0 | 0 | 0 | 0 | 113 | 0 | 9 | 0 | Cerah |
| 09:45 - 10:00 | 24 | 1 | 2 | 7 | 1 | 3 | 0 | 0 | 139 | 0 | 12 | 0 | Cerah |
| Total 1 Jam | 110 | 2 | 9 | 23 | 1 | 7 | 0 | 0 | 466 | 2 | 40 | 0 | |
| | 169 | 5 | 14 | 42 | 3 | 13 | 0 | 0 | 858 | | | 77 | |
| 10:00 - 10:15 | 29 | 1 | 3 | 5 | 0 | 0 | 0 | 0 | 135 | 0 | 11 | 0 | Cerah |
| 10:15 - 10:30 | 35 | 0 | 1 | 6 | 2 | 0 | 0 | 0 | 139 | 0 | 13 | 0 | Cerah |
| 10:30 - 10:45 | 38 | 0 | 0 | 6 | 0 | 3 | 0 | 0 | 133 | 1 | 8 | 0 | Cerah |
| 10:45 - 11:00 | 43 | 2 | 2 | 5 | 1 | 0 | 0 | 0 | 141 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 145 | 3 | 6 | 22 | 3 | 3 | 0 | 0 | 548 | 1 | 42 | 0 | |
| 11:00 - 11:15 | 40 | 4 | 2 | 6 | 3 | 0 | 0 | 0 | 143 | 0 | 11 | 0 | Cerah |

| | | | | | | | | | | | | | |
|---------------|--------------------|-------------------|-------------|--------------------|-------------------|-------------|------------|----------|--------------|---|----|--------------------|---------|
| 11:15 - 11:30 | 45 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 148 | 0 | 9 | 0 | Cerah |
| 11:30 - 11:45 | 49 | 1 | 3 | 7 | 1 | 2 | 1 | 0 | 155 | 0 | 14 | 0 | Cerah |
| 11:45 - 12:00 | 54 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 164 | 0 | 12 | 0 | Cerah |
| Total 1 Jam | 188 | 5 | 9 | 23 | 4 | 6 | 1 | 0 | 610 | 0 | 46 | 0 | |
| | 333 | 8 | 15 | 45 | 7 | 9 | 1 | 0 | 1158 | | | 89 | |
| 12:00 - 12:15 | 68 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 160 | 0 | 5 | 0 | Cerah |
| 12:15 - 12:30 | 73 | 2 | 0 | 5 | 0 | 3 | 0 | 0 | 137 | 1 | 10 | 0 | Cerah |
| 12:30 - 12:45 | 81 | 0 | 0 | 5 | 0 | 3 | 0 | 0 | 124 | 0 | 3 | 0 | Cerah |
| 12:45 - 13:00 | 51 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 101 | 0 | 4 | 0 | Cerah |
| Total 1 Jam | 273 | 3 | 4 | 15 | 0 | 6 | 0 | 0 | 522 | 1 | 22 | 0 | |
| 13:00 - 13:15 | 54 | 1 | 0 | 7 | 0 | 1 | 0 | 0 | 106 | 1 | 9 | 0 | Cerah |
| 13:15 - 13:30 | 62 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 113 | 0 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 39 | 1 | 0 | 4 | 0 | 5 | 0 | 0 | 117 | 0 | 5 | 0 | Cerah |
| 13:45 - 14:00 | 55 | 0 | 0 | 11 | 1 | 2 | 0 | 0 | 109 | 1 | 2 | 0 | Cerah |
| Total 1 Jam | 210 | 2 | 0 | 24 | 1 | 10 | 0 | 0 | 445 | 2 | 21 | 0 | |
| | 483 | 5 | 4 | 39 | 1 | 16 | 0 | 0 | 967 | | | 46 | |
| 14:00 - 14:15 | 57 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 102 | 2 | 6 | 0 | Cerah |
| 14:15 - 14:30 | 53 | 1 | 3 | 7 | 0 | 0 | 0 | 0 | 94 | 1 | 12 | 0 | Cerah |
| 14:30 - 14:45 | 49 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| 14:45 - 15:00 | 51 | 1 | 1 | 6 | 1 | 6 | 0 | 0 | 97 | 1 | 6 | 0 | Cerah |
| Total 1 Jam | 210 | 3 | 5 | 19 | 2 | 6 | 0 | 0 | 392 | 4 | 31 | 0 | |
| 15:00 - 15:15 | 57 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 124 | 2 | 8 | 0 | Cerah |
| 15:15 - 15:30 | 53 | 0 | 0 | 5 | 0 | 4 | 0 | 0 | 90 | 0 | 11 | 0 | Cerah |
| 15:30 - 15:45 | 55 | 1 | 6 | 7 | 0 | 0 | 0 | 0 | 113 | 0 | 9 | 0 | Cerah |
| 15:45 - 16:00 | 43 | 1 | 2 | 7 | 1 | 3 | 0 | 0 | 139 | 0 | 12 | 0 | Mendung |
| Total 1 Jam | 208 | 2 | 9 | 23 | 1 | 7 | 0 | 0 | 466 | 2 | 40 | 0 | |
| | 418 | 5 | 14 | 42 | 3 | 13 | 0 | 0 | 858 | | | 77 | |
| 16:00 - 16:15 | 21 | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 101 | 0 | 9 | 0 | Mendung |
| 16:15 - 16:30 | 23 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 113 | 0 | 5 | 0 | Mendung |
| 16:30 - 16:45 | 13 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 94 | 1 | 6 | 0 | Mendung |
| 16:45 - 17:00 | 17 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 56 | 0 | 9 | 0 | Hujan |
| Total 1 Jam | 74 | 0 | 14 | 0 | 15 | 0 | 0 | 0 | 364 | 1 | 29 | 0 | |
| 17:00 - 17:15 | 19 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 58 | 0 | 5 | 0 | Hujan |
| 17:15 - 17:30 | 15 | 1 | 0 | 2 | 0 | 6 | 0 | 0 | 93 | 0 | 7 | 0 | Gerimis |
| 17:30 - 17:45 | 14 | 0 | 0 | 4 | 0 | 3 | 1 | 0 | 78 | 0 | 6 | 0 | Gerimis |
| 17:45 - 18:00 | 19 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 83 | 0 | 3 | 0 | Gerimis |
| Total 1 Jam | 67 | 1 | 0 | 10 | 0 | 14 | 1 | 0 | 312 | 0 | 21 | 0 | |
| | 141 | 1 | 14 | 10 | 15 | 14 | 1 | 0 | 676 | | | 51 | |
| TOTAL | 268,1666667 | 4,16666667 | 11,5 | 34,83333333 | 4,83333333 | 13,5 | 0,5 | 0 | 841,5 | | | 68,33333333 | |

Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

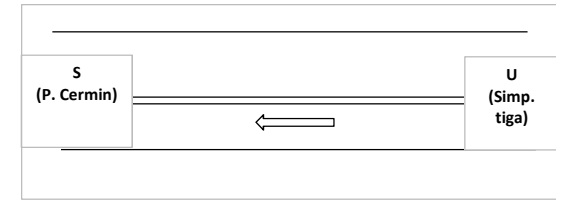
Petugas Paraf Supervisor Paraf

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 8 Juni 2025
 Nomor Pos :
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|---------------------|----------|-----------|---------------------------|----------|-----------|----------|--------------|------------|------------------------|-----------|----------------------------|-------|
| | Kendaraan Penumpang | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 6 | 0 | Cerah |
| 06:15 - 06:30 | 7 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 43 | 0 | 10 | 0 | Cerah |
| 06:30 - 06:45 | 5 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 51 | 0 | 7 | 0 | Cerah |
| 06:45 - 07:00 | 10 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 67 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 27 | 1 | 5 | 5 | 0 | 4 | 0 | 0 | 198 | 0 | 33 | 0 | |
| 07:00 - 07:15 | 13 | 0 | 1 | 3 | 0 | 3 | 1 | 0 | 74 | 2 | 11 | 0 | Cerah |
| 07:15 - 07:30 | 15 | 0 | 1 | 4 | 0 | 2 | 0 | 0 | 85 | 0 | 8 | 0 | Cerah |
| 07:30 - 07:45 | 12 | 0 | 1 | 3 | 0 | 4 | 0 | 0 | 102 | 0 | 12 | 0 | Cerah |
| 07:45 - 08:00 | 16 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 83 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 56 | 0 | 3 | 15 | 0 | 11 | 1 | 0 | 344 | 3 | 38 | 0 | |
| | 83 | 1 | 8 | 20 | 0 | 15 | 1 | 0 | 542 | | | 74 | |
| 08:00 - 08:15 | 13 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 105 | 2 | 11 | 0 | Cerah |
| 08:15 - 08:30 | 17 | 1 | 3 | 5 | 0 | 0 | 0 | 0 | 97 | 1 | 8 | 0 | Cerah |
| 08:30 - 08:45 | 21 | 0 | 2 | 4 | 1 | 0 | 0 | 0 | 100 | 0 | 7 | 0 | Cerah |
| 08:45 - 09:00 | 25 | 2 | 4 | 3 | 1 | 4 | 0 | 0 | 95 | 1 | 6 | 0 | Cerah |
| Total 1 Jam | 76 | 6 | 9 | 14 | 2 | 4 | 0 | 0 | 397 | 4 | 32 | 0 | |
| 09:00 - 09:15 | 31 | 0 | 3 | 4 | 0 | 3 | 0 | 0 | 121 | 2 | 14 | 0 | Cerah |
| 09:15 - 09:30 | 35 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 96 | 0 | 11 | 0 | Cerah |
| 09:30 - 09:45 | 29 | 2 | 5 | 3 | 0 | 4 | 0 | 0 | 114 | 0 | 13 | 0 | Cerah |
| 09:45 - 10:00 | 31 | 1 | 4 | 5 | 1 | 0 | 0 | 0 | 141 | 0 | 12 | 0 | Cerah |
| Total 1 Jam | 126 | 3 | 15 | 17 | 1 | 7 | 0 | 0 | 472 | 2 | 50 | 0 | |
| | 202 | 9 | 24 | 31 | 3 | 11 | 0 | 0 | 869 | | | 88 | |
| 10:00 - 10:15 | 39 | 1 | 4 | 5 | 0 | 0 | 0 | 0 | 137 | 0 | 11 | 0 | Cerah |
| 10:15 - 10:30 | 41 | 3 | 3 | 6 | 2 | 3 | 0 | 0 | 136 | 0 | 13 | 0 | Cerah |
| 10:30 - 10:45 | 45 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 141 | 1 | 11 | 0 | Cerah |
| 10:45 - 11:00 | 36 | 2 | 3 | 7 | 1 | 0 | 1 | 0 | 145 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 161 | 6 | 12 | 22 | 3 | 3 | 1 | 0 | 559 | 1 | 45 | 0 | |
| 11:00 - 11:15 | 45 | 4 | 2 | 6 | 2 | 0 | 0 | 0 | 145 | 0 | 11 | 0 | Cerah |

| | | | | | | | | | | | | | |
|--------------------|--------------------|------------|-------------------|-------------------|--------------------|-----------|-------------------|-------------------|--------------------|----------|-----------|-------------------|-------|
| 11:15 - 11:30 | 49 | 2 | 0 | 5 | 0 | 3 | 0 | 0 | 148 | 0 | 10 | 0 | Cerah |
| 11:30 - 11:45 | 54 | 1 | 4 | 5 | 0 | 2 | 0 | 0 | 151 | 0 | 12 | 0 | Cerah |
| 11:45 - 12:00 | 57 | 1 | 4 | 7 | 1 | 1 | 0 | 0 | 166 | 0 | 14 | 0 | Cerah |
| Total 1 Jam | 205 | 8 | 10 | 23 | 3 | 6 | 0 | 0 | 610 | 0 | 47 | 0 | |
| | 366 | 14 | 22 | 45 | 6 | 9 | 1 | 0 | 1169 | | | 93 | |
| 12:00 - 12:15 | 69 | 0 | 2 | 6 | 0 | 0 | 0 | 0 | 160 | 0 | 5 | 0 | Cerah |
| 12:15 - 12:30 | 75 | 2 | 0 | 4 | 0 | 2 | 0 | 0 | 138 | 1 | 9 | 0 | Cerah |
| 12:30 - 12:45 | 87 | 1 | 0 | 3 | 0 | 3 | 0 | 0 | 127 | 0 | 5 | 0 | Cerah |
| 12:45 - 13:00 | 77 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 110 | 0 | 4 | 0 | Cerah |
| Total 1 Jam | 308 | 4 | 3 | 16 | 0 | 6 | 0 | 0 | 535 | 1 | 23 | 0 | |
| 13:00 - 13:15 | 61 | 1 | 0 | 4 | 0 | 1 | 0 | 0 | 106 | 1 | 9 | 0 | Cerah |
| 13:15 - 13:30 | 62 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 113 | 0 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 53 | 1 | 0 | 4 | 0 | 4 | 0 | 0 | 115 | 0 | 3 | 0 | Cerah |
| 13:45 - 14:00 | 57 | 1 | 2 | 3 | 1 | 2 | 0 | 0 | 113 | 1 | 5 | 0 | Cerah |
| Total 1 Jam | 233 | 3 | 2 | 13 | 1 | 9 | 0 | 0 | 447 | 2 | 22 | 0 | |
| | 541 | 7 | 5 | 29 | 1 | 15 | 0 | 0 | 982 | | | 48 | |
| 14:00 - 14:15 | 56 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 110 | 2 | 6 | 0 | Cerah |
| 14:15 - 14:30 | 55 | 1 | 3 | 2 | 0 | 2 | 0 | 0 | 106 | 1 | 7 | 0 | Cerah |
| 14:30 - 14:45 | 58 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 95 | 0 | 12 | 0 | Cerah |
| 14:45 - 15:00 | 51 | 2 | 2 | 3 | 1 | 5 | 0 | 0 | 97 | 1 | 6 | 0 | Cerah |
| Total 1 Jam | 220 | 4 | 6 | 11 | 2 | 7 | 0 | 0 | 408 | 4 | 31 | 0 | |
| 15:00 - 15:15 | 55 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 102 | 2 | 9 | 0 | Cerah |
| 15:15 - 15:30 | 59 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 95 | 0 | 11 | 0 | Cerah |
| 15:30 - 15:45 | 54 | 2 | 4 | 5 | 0 | 0 | 0 | 0 | 111 | 0 | 9 | 0 | Cerah |
| 15:45 - 16:00 | 57 | 0 | 3 | 6 | 1 | 3 | 0 | 0 | 114 | 0 | 6 | 0 | Cerah |
| Total 1 Jam | 225 | 2 | 8 | 16 | 1 | 7 | 0 | 0 | 422 | 2 | 35 | 0 | |
| | 445 | 6 | 10 | 27 | 3 | 14 | 0 | 0 | 830 | | | 72 | |
| 16:00 - 16:15 | 52 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 118 | 0 | 9 | 0 | Cerah |
| 16:15 - 16:30 | 47 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 121 | 0 | 8 | 0 | Cerah |
| 16:30 - 16:45 | 57 | 3 | 4 | 5 | 1 | 3 | 0 | 0 | 129 | 1 | 6 | 0 | Cerah |
| 16:45 - 17:00 | 63 | 4 | 3 | 7 | 3 | 0 | 0 | 0 | 131 | 1 | 9 | 0 | Cerah |
| Total 1 Jam | 219 | 9 | 9 | 23 | 4 | 3 | 0 | 0 | 499 | 2 | 32 | 0 | |
| 17:00 - 17:15 | 64 | 4 | 0 | 7 | 0 | 1 | 0 | 1 | 137 | 0 | 7 | 0 | Cerah |
| 17:15 - 17:30 | 69 | 2 | 6 | 6 | 5 | 2 | 0 | 0 | 141 | 2 | 8 | 0 | Cerah |
| 17:30 - 17:45 | 71 | 1 | 5 | 5 | 6 | 4 | 1 | 0 | 139 | 0 | 11 | 0 | Cerah |
| 17:45 - 18:00 | 66 | 4 | 5 | 6 | 4 | 4 | 1 | 0 | 151 | 1 | 10 | 0 | Cerah |
| Total 1 Jam | 270 | 11 | 16 | 24 | 15 | 11 | 2 | 1 | 568 | 3 | 36 | 0 | |
| | 489 | 20 | 25 | 47 | 19 | 14 | 2 | 1 | 1067 | | | 73 | |
| TOTAL | 354,3333333 | 9,5 | 15,6666667 | 33,1666667 | 5,333333333 | 13 | 0,66666667 | 0,16666667 | 909,8333333 | | | 74,6666667 | |

Petugas Paraf Supervisor Paraf

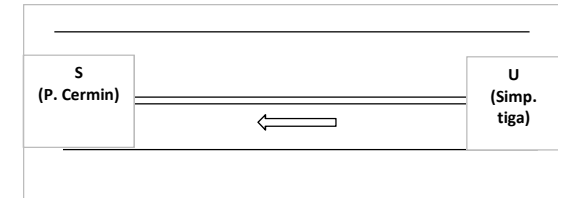
Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 10 Juni 2025
 Nomor Pos :
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|---------------------|----------|----------|---------------------------|----------|----------|----------|--------------|-------------|------------------------|-----------|----------------------------|-------|
| | Kendaraan Penumpang | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 13 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 97 | 2 | 3 | 0 | Cerah |
| 06:15 - 06:30 | 15 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 115 | 0 | 5 | 0 | Cerah |
| 06:30 - 06:45 | 17 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 126 | 1 | 6 | 0 | Cerah |
| 06:45 - 07:00 | 23 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 135 | 3 | 7 | 0 | Cerah |
| Total 1 Jam | 68 | 1 | 3 | 5 | 0 | 2 | 1 | 0 | 473 | 6 | 21 | 0 | |
| 07:00 - 07:15 | 28 | 0 | 1 | 2 | 0 | 2 | 1 | 0 | 141 | 4 | 8 | 0 | Cerah |
| 07:15 - 07:30 | 34 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 147 | 0 | 8 | 0 | Cerah |
| 07:30 - 07:45 | 24 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 142 | 2 | 13 | 0 | Cerah |
| 07:45 - 08:00 | 24 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 138 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 110 | 1 | 3 | 5 | 0 | 6 | 4 | 0 | 568 | 7 | 36 | 0 | |
| | 178 | 2 | 6 | 10 | 0 | 8 | 5 | 0 | 1041 | | | 70 | |
| 08:00 - 08:15 | 17 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 124 | 2 | 6 | 0 | Cerah |
| 08:15 - 08:30 | 9 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 122 | 1 | 9 | 0 | Cerah |
| 08:30 - 08:45 | 15 | 0 | 1 | 5 | 1 | 0 | 3 | 0 | 105 | 0 | 7 | 0 | Cerah |
| 08:45 - 09:00 | 19 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 99 | 1 | 6 | 0 | Cerah |
| Total 1 Jam | 60 | 3 | 2 | 10 | 2 | 2 | 3 | 1 | 450 | 4 | 28 | 0 | |
| 09:00 - 09:15 | 15 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 110 | 2 | 5 | 0 | Cerah |
| 09:15 - 09:30 | 23 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 102 | 0 | 7 | 0 | Cerah |
| 09:30 - 09:45 | 17 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 95 | 0 | 9 | 0 | Cerah |
| 09:45 - 10:00 | 17 | 1 | 2 | 7 | 1 | 3 | 0 | 0 | 107 | 0 | 7 | 0 | Cerah |
| Total 1 Jam | 72 | 2 | 5 | 19 | 1 | 5 | 0 | 0 | 414 | 2 | 28 | 0 | |
| | 132 | 5 | 7 | 29 | 3 | 7 | 3 | 1 | 864 | | | 62 | |
| 10:00 - 10:15 | 29 | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 93 | 0 | 12 | 0 | Cerah |
| 10:15 - 10:30 | 25 | 0 | 1 | 4 | 2 | 0 | 0 | 0 | 85 | 0 | 8 | 0 | Cerah |
| 10:30 - 10:45 | 27 | 0 | 0 | 6 | 0 | 3 | 0 | 0 | 88 | 1 | 9 | 0 | Cerah |
| 10:45 - 11:00 | 31 | 2 | 2 | 4 | 1 | 0 | 0 | 0 | 95 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 112 | 3 | 6 | 18 | 3 | 3 | 0 | 0 | 361 | 1 | 39 | 0 | |
| 11:00 - 11:15 | 37 | 0 | 2 | 6 | 3 | 0 | 0 | 0 | 101 | 0 | 11 | 0 | Cerah |

| | | | | | | | | | | | | | |
|--------------------|--------------------|------------|-------------|--------------------|------------|-------------|----------|--------------------|--------------------|----------|-----------|--------------------|-------|
| 11:15 - 11:30 | 31 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 96 | 0 | 9 | 0 | Cerah |
| 11:30 - 11:45 | 42 | 1 | 3 | 7 | 1 | 2 | 1 | 0 | 113 | 0 | 14 | 0 | Cerah |
| 11:45 - 12:00 | 35 | 3 | 4 | 6 | 0 | 0 | 0 | 0 | 121 | 0 | 12 | 0 | Cerah |
| Total 1 Jam | 145 | 4 | 9 | 23 | 4 | 6 | 1 | 0 | 431 | 0 | 46 | 0 | |
| | 257 | 7 | 15 | 41 | 7 | 9 | 1 | 0 | 792 | | | 86 | |
| 12:00 - 12:15 | 41 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 127 | 0 | 5 | 0 | Cerah |
| 12:15 - 12:30 | 37 | 0 | 3 | 5 | 0 | 3 | 0 | 0 | 131 | 1 | 7 | 0 | Cerah |
| 12:30 - 12:45 | 40 | 0 | 2 | 3 | 0 | 3 | 0 | 0 | 124 | 0 | 3 | 0 | Cerah |
| 12:45 - 13:00 | 43 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 118 | 2 | 6 | 0 | Cerah |
| Total 1 Jam | 161 | 3 | 10 | 14 | 0 | 6 | 0 | 0 | 500 | 3 | 21 | 0 | |
| 13:00 - 13:15 | 42 | 1 | 3 | 4 | 0 | 1 | 0 | 0 | 121 | 2 | 9 | 0 | Cerah |
| 13:15 - 13:30 | 41 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 116 | 0 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 39 | 1 | 0 | 3 | 0 | 5 | 0 | 0 | 95 | 0 | 6 | 0 | Cerah |
| 13:45 - 14:00 | 32 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 102 | 0 | 8 | 0 | Cerah |
| Total 1 Jam | 154 | 2 | 3 | 13 | 0 | 10 | 0 | 0 | 434 | 2 | 28 | 0 | |
| | 315 | 5 | 13 | 27 | 0 | 16 | 0 | 0 | 934 | | | 54 | |
| 14:00 - 14:15 | 37 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 100 | 0 | 8 | 0 | Cerah |
| 14:15 - 14:30 | 31 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 107 | 1 | 9 | 0 | Cerah |
| 14:30 - 14:45 | 33 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 113 | 0 | 7 | 0 | Cerah |
| 14:45 - 15:00 | 33 | 1 | 1 | 5 | 1 | 5 | 0 | 0 | 111 | 1 | 13 | 0 | Cerah |
| Total 1 Jam | 134 | 3 | 5 | 13 | 1 | 5 | 0 | 0 | 431 | 2 | 37 | 0 | |
| 15:00 - 15:15 | 36 | 0 | 1 | 4 | 0 | 1 | 0 | 0 | 117 | 2 | 10 | 0 | Cerah |
| 15:15 - 15:30 | 37 | 0 | 0 | 5 | 2 | 4 | 1 | 0 | 97 | 0 | 11 | 0 | Cerah |
| 15:30 - 15:45 | 35 | 1 | 6 | 3 | 0 | 0 | 0 | 0 | 102 | 0 | 9 | 0 | Cerah |
| 15:45 - 16:00 | 37 | 0 | 2 | 4 | 0 | 3 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| Total 1 Jam | 145 | 1 | 9 | 16 | 2 | 8 | 1 | 0 | 415 | 2 | 37 | 0 | |
| | 279 | 4 | 14 | 29 | 3 | 13 | 1 | 0 | 846 | | | 78 | |
| 16:00 - 16:15 | 31 | 0 | 3 | 5 | 0 | 1 | 0 | 0 | 117 | 0 | 9 | 0 | Cerah |
| 16:15 - 16:30 | 29 | 0 | 2 | 7 | 0 | 3 | 0 | 0 | 113 | 0 | 6 | 0 | Cerah |
| 16:30 - 16:45 | 37 | 0 | 5 | 4 | 1 | 0 | 0 | 0 | 121 | 1 | 11 | 0 | Cerah |
| 16:45 - 17:00 | 43 | 2 | 4 | 5 | 0 | 5 | 1 | 0 | 129 | 0 | 13 | 0 | Cerah |
| Total 1 Jam | 140 | 2 | 14 | 21 | 1 | 9 | 1 | 0 | 480 | 1 | 39 | 0 | |
| 17:00 - 17:15 | 45 | 0 | 0 | 8 | 0 | 3 | 0 | 0 | 133 | 0 | 11 | 0 | Cerah |
| 17:15 - 17:30 | 42 | 1 | 0 | 6 | 0 | 6 | 0 | 0 | 137 | 0 | 14 | 0 | Cerah |
| 17:30 - 17:45 | 47 | 0 | 0 | 6 | 0 | 5 | 1 | 0 | 131 | 0 | 13 | 0 | Cerah |
| 17:45 - 18:00 | 49 | 1 | 0 | 5 | 1 | 5 | 0 | 1 | 127 | 0 | 9 | 0 | Cerah |
| Total 1 Jam | 183 | 2 | 0 | 25 | 1 | 19 | 1 | 1 | 528 | 0 | 47 | 0 | |
| | 323 | 4 | 14 | 46 | 2 | 28 | 2 | 1 | 1008 | | | 87 | |
| TOTAL | 247,3333333 | 4,5 | 11,5 | 30,33333333 | 2,5 | 13,5 | 2 | 0,333333333 | 914,1666667 | | | 72,83333333 | |

Petugas Paraf Supervisor Paraf

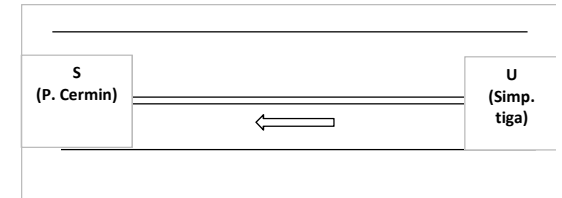
Cuaca: 1. Cerah 3. Mendung
2. Gerimis 4. Hujan

Studi Manajemen Lalu Lintas Kota Medan

Formulir Survei Pencacahan Lalu Lintas Manual

Lokasi : Sumatera Utara
 Kota : Perbaungan
 Nama Jalan : H.T. Rizal Nurdin

Tanggal : 11 Juni 2025
 Nomor Pos :
 Dari Node : Ke Node



| Waktu | Kendaraan Bermotor | | | | | | | | | Kendaraan tak Bermotor | | | Cuaca |
|--------------------|---------------------|----------|----------|---------------------------|----------|----------|----------|--------------|-------------|------------------------|-----------|----------------------------|-------|
| | Kendaraan Penumpang | | | Kendaraan Angkutan Barang | | | | Sepeda Motor | 10 | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Sepeda | Becak | Tak Bermotor ditarik Hewan | |
| 06:00 - 06:15 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 | 4 | 3 | 0 | Cerah |
| 06:15 - 06:30 | 17 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 114 | 0 | 5 | 0 | Cerah |
| 06:30 - 06:45 | 16 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 129 | 1 | 6 | 0 | Cerah |
| 06:45 - 07:00 | 21 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 137 | 2 | 4 | 0 | Cerah |
| Total 1 Jam | 67 | 1 | 1 | 5 | 0 | 2 | 1 | 0 | 485 | 7 | 18 | 0 | |
| 07:00 - 07:15 | 26 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 143 | 4 | 8 | 0 | Cerah |
| 07:15 - 07:30 | 36 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 145 | 0 | 5 | 0 | Cerah |
| 07:30 - 07:45 | 27 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 137 | 3 | 11 | 0 | Cerah |
| 07:45 - 08:00 | 31 | 2 | 0 | 2 | 0 | 3 | 0 | 0 | 141 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 120 | 3 | 3 | 5 | 0 | 6 | 4 | 0 | 566 | 8 | 31 | 0 | |
| | 187 | 4 | 4 | 10 | 0 | 8 | 5 | 0 | 1051 | | | 64 | |
| 08:00 - 08:15 | 21 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 124 | 3 | 7 | 0 | Cerah |
| 08:15 - 08:30 | 15 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 120 | 0 | 9 | 0 | Cerah |
| 08:30 - 08:45 | 18 | 0 | 1 | 3 | 1 | 0 | 3 | 0 | 105 | 1 | 6 | 0 | Cerah |
| 08:45 - 09:00 | 117 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 93 | 1 | 7 | 0 | Cerah |
| Total 1 Jam | 171 | 4 | 2 | 8 | 2 | 1 | 3 | 1 | 442 | 5 | 29 | 0 | |
| 09:00 - 09:15 | 14 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 111 | 0 | 5 | 0 | Cerah |
| 09:15 - 09:30 | 13 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 103 | 0 | 8 | 0 | Cerah |
| 09:30 - 09:45 | 9 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 96 | 0 | 6 | 0 | Cerah |
| 09:45 - 10:00 | 14 | 1 | 2 | 5 | 1 | 2 | 0 | 0 | 104 | 0 | 7 | 0 | Cerah |
| Total 1 Jam | 50 | 2 | 5 | 11 | 1 | 3 | 0 | 0 | 414 | 0 | 26 | 0 | |
| | 221 | 6 | 7 | 19 | 3 | 4 | 3 | 1 | 856 | | | 60 | |
| 10:00 - 10:15 | 17 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 95 | 0 | 11 | 0 | Cerah |
| 10:15 - 10:30 | 21 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 87 | 0 | 8 | 0 | Cerah |
| 10:30 - 10:45 | 31 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 89 | 1 | 7 | 0 | Cerah |
| 10:45 - 11:00 | 34 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 94 | 0 | 10 | 0 | Cerah |
| Total 1 Jam | 103 | 3 | 6 | 7 | 1 | 2 | 0 | 0 | 365 | 1 | 36 | 0 | |
| 11:00 - 11:15 | 37 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 104 | 0 | 11 | 0 | Cerah |

| | | | | | | | | | | | | | |
|---------------|--------------------|------------|-------------------|-------------|--------------------|-------------------|-------------------|--------------------|--------------|---|----|--------------------|-------|
| 11:15 - 11:30 | 32 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 98 | 0 | 9 | 0 | Cerah |
| 11:30 - 11:45 | 43 | 1 | 3 | 4 | 1 | 2 | 1 | 0 | 111 | 0 | 13 | 0 | Cerah |
| 11:45 - 12:00 | 39 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 123 | 0 | 9 | 0 | Cerah |
| Total 1 Jam | 151 | 4 | 9 | 10 | 1 | 3 | 1 | 0 | 436 | 0 | 42 | 0 | |
| | 254 | 7 | 15 | 17 | 2 | 5 | 1 | 0 | 801 | | | 79 | |
| 12:00 - 12:15 | 41 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 129 | 0 | 9 | 0 | Cerah |
| 12:15 - 12:30 | 39 | 0 | 3 | 5 | 0 | 3 | 0 | 0 | 134 | 1 | 7 | 0 | Cerah |
| 12:30 - 12:45 | 40 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 121 | 0 | 6 | 0 | Cerah |
| 12:45 - 13:00 | 42 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 118 | 2 | 7 | 0 | Cerah |
| Total 1 Jam | 162 | 3 | 10 | 13 | 0 | 5 | 0 | 0 | 502 | 3 | 29 | 0 | |
| 13:00 - 13:15 | 41 | 1 | 3 | 3 | 0 | 1 | 0 | 0 | 113 | 2 | 8 | 0 | Cerah |
| 13:15 - 13:30 | 43 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 95 | 0 | 5 | 0 | Cerah |
| 13:30 - 13:45 | 40 | 1 | 0 | 3 | 0 | 4 | 0 | 0 | 86 | 0 | 7 | 0 | Cerah |
| 13:45 - 14:00 | 37 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 94 | 0 | 8 | 0 | Cerah |
| Total 1 Jam | 161 | 2 | 3 | 13 | 0 | 9 | 0 | 0 | 388 | 2 | 28 | 0 | |
| | 323 | 5 | 13 | 26 | 0 | 14 | 0 | 0 | 890 | | | 62 | |
| 14:00 - 14:15 | 34 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 99 | 0 | 7 | 0 | Cerah |
| 14:15 - 14:30 | 31 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 104 | 1 | 8 | 0 | Cerah |
| 14:30 - 14:45 | 34 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 113 | 0 | 6 | 0 | Cerah |
| 14:45 - 15:00 | 33 | 1 | 1 | 5 | 1 | 3 | 0 | 0 | 111 | 1 | 9 | 0 | Cerah |
| Total 1 Jam | 132 | 2 | 5 | 13 | 1 | 3 | 0 | 0 | 427 | 2 | 30 | 0 | |
| 15:00 - 15:15 | 36 | 0 | 1 | 4 | 0 | 1 | 0 | 0 | 112 | 2 | 11 | 0 | Cerah |
| 15:15 - 15:30 | 35 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 95 | 0 | 9 | 0 | Cerah |
| 15:30 - 15:45 | 37 | 1 | 6 | 3 | 0 | 0 | 0 | 0 | 105 | 0 | 12 | 0 | Cerah |
| 15:45 - 16:00 | 35 | 0 | 2 | 4 | 0 | 3 | 0 | 0 | 101 | 0 | 8 | 0 | Cerah |
| Total 1 Jam | 143 | 1 | 9 | 16 | 0 | 4 | 0 | 0 | 413 | 2 | 40 | 0 | |
| | 275 | 3 | 14 | 29 | 1 | 7 | 0 | 0 | 840 | | | 74 | |
| 16:00 - 16:15 | 33 | 0 | 3 | 5 | 0 | 1 | 0 | 0 | 119 | 0 | 9 | 0 | Cerah |
| 16:15 - 16:30 | 31 | 0 | 2 | 7 | 0 | 3 | 0 | 0 | 116 | 0 | 7 | 0 | Cerah |
| 16:30 - 16:45 | 34 | 1 | 5 | 4 | 1 | 0 | 1 | 0 | 127 | 1 | 7 | 0 | Cerah |
| 16:45 - 17:00 | 39 | 2 | 4 | 5 | 0 | 4 | 1 | 0 | 131 | 0 | 8 | 0 | Cerah |
| Total 1 Jam | 137 | 3 | 14 | 21 | 1 | 8 | 2 | 0 | 493 | 1 | 31 | 0 | |
| 17:00 - 17:15 | 46 | 0 | 0 | 8 | 0 | 3 | 0 | 0 | 135 | 0 | 12 | 0 | Cerah |
| 17:15 - 17:30 | 43 | 2 | 0 | 6 | 0 | 4 | 0 | 0 | 141 | 0 | 13 | 0 | Cerah |
| 17:30 - 17:45 | 45 | 1 | 0 | 6 | 0 | 5 | 1 | 0 | 137 | 0 | 15 | 0 | Cerah |
| 17:45 - 18:00 | 48 | 2 | 0 | 5 | 1 | 3 | 1 | 1 | 131 | 0 | 11 | 0 | Cerah |
| Total 1 Jam | 182 | 5 | 0 | 25 | 1 | 15 | 2 | 1 | 544 | 0 | 51 | 0 | |
| | 319 | 8 | 14 | 46 | 2 | 23 | 4 | 1 | 1037 | | | 83 | |
| TOTAL | 263,1666667 | 5,5 | 11,1666667 | 24,5 | 1,333333333 | 10,1666667 | 2,16666667 | 0,333333333 | 912,5 | | | 70,33333333 | |

Petugas :..... Paraf :..... Supervisor :..... Paraf :.....

Cuaca: 1. Cerah 3. Mendung
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