



Traffic Analysis Report

Conshohocken Rd (1168925716)

Organization: **Plymouth Township, PA**

This report analyzes Avg. Speed for Conshohocken Rd (1168925716) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1168925716
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.09 miles
Road Name	Conshohocken Rd
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes Avg. Speed for Conshohocken Rd (1168925716) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

SPEED LIMIT 25 MPH	// DIFF
Average	37 / +12
50th	38 / +13
85th	43 / +18
95th	45 / +20



Trends & Summary

The analysis of traffic speeds on Conshohocken Rd during December 2025 reveals several noteworthy trends based on the heatmap and aggregated data.

Average Speed Insights

The overall average speed recorded is 37 MPH, which significantly exceeds the posted speed limit of 25 MPH. The 50th percentile speed is 38 MPH, while the 85th and 95th percentiles are 43 MPH and 45 MPH, respectively. This indicates that a substantial portion of vehicles are traveling well above the speed limit, raising concerns about compliance and safety.

Day of the Week Patterns

The data shows a consistent pattern across the days of the week. The average speeds are relatively stable, ranging from 36 to 40 MPH:

- **Highest Average Speed:** 40 MPH on Tuesdays.
- **Lowest Average Speed:** 36 MPH on Sundays.

This suggests that traffic flow is slightly heavier or faster on Tuesdays, potentially due to weekday commuting patterns, while Sundays see a marginal decrease in speed.

Hourly Breakdown

The heatmap analysis indicates that average speeds remain fairly consistent throughout the day, with minor fluctuations. The data is segmented into periods:

- **Overnight (Period 1):** Speeds are generally lower, averaging around 36-37 MPH.
- **AM Peak (Period 3):** Speeds peak slightly, averaging 37-40 MPH, indicating increased traffic flow.
- **PM Peak (Period 6):** Speeds drop to around 35-37 MPH, likely due to congestion during evening commutes.

Directional Trends

The data is aggregated without specific directional breakdowns, but the overall trends suggest that traffic is likely heavier in the northbound direction during peak hours, aligning with typical commuting patterns. The consistent average speeds across all days indicate a stable traffic environment, albeit one that is exceeding safe speed limits.

Conclusion

The traffic speed data for Conshohocken Rd indicates a consistent trend of vehicles exceeding the speed limit, particularly during peak commuting hours. The slight variations in speed by day and time suggest that while overall traffic patterns are stable, there are opportunities for targeted interventions to improve compliance with speed limits and enhance safety on this local road segment.



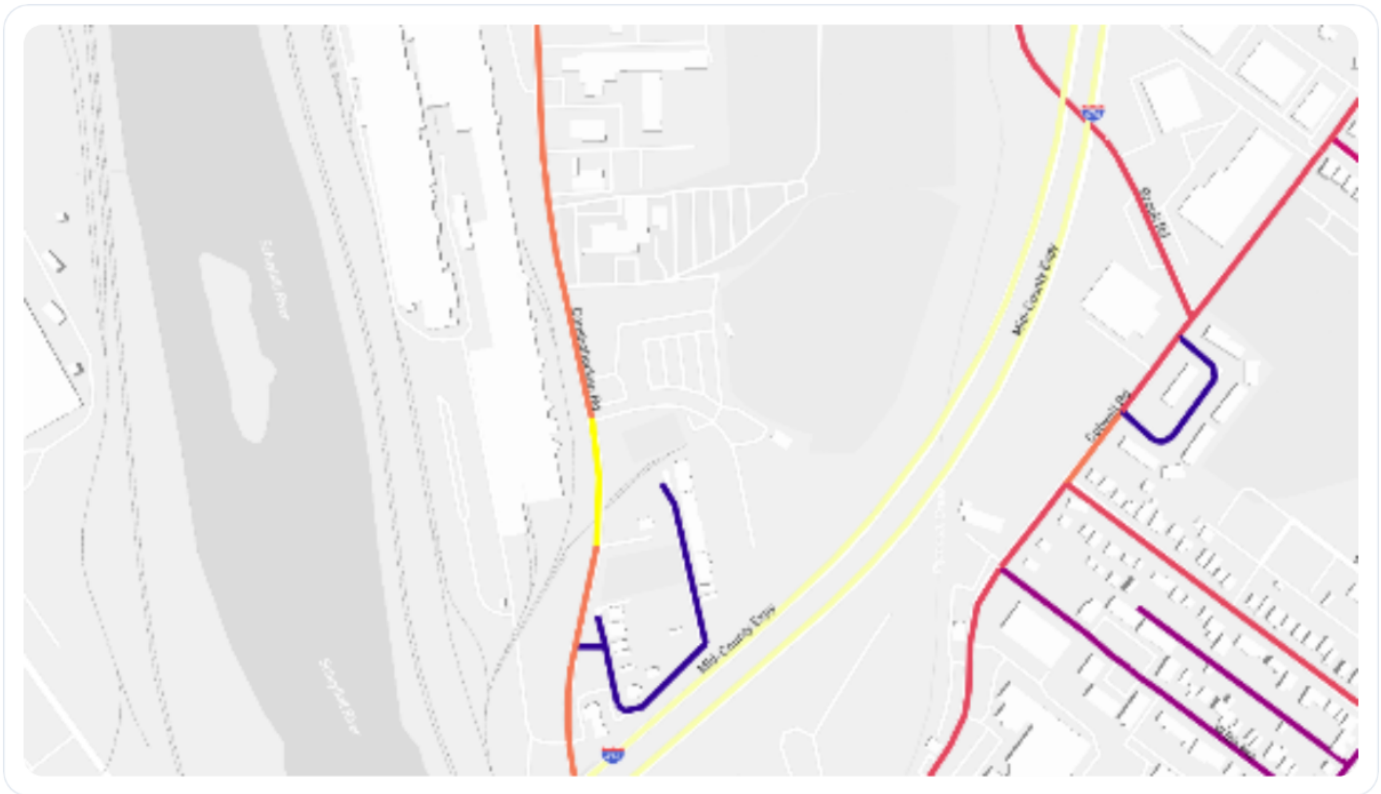
Trends

Average Speed Breakdown

Period	7	38	38	37	37	38	35	37
	6	37	37	37	36	37	35	38
	5	38	37	37	37	37	37	38
	4	39	37	37	37	38	37	38
	3	37	37	36	37	37	37	38
	2	38	37	38	39	38	39	37
	1	36	39	40	39	38	39	37
		Sun	Mon	Tue	Wed	Thu	Fri	Sat
		Day of Week						

PERIOD LEGEND

- 1 Overnight: 12:00am-3:59am
- 2 Early Morning: 4:00am-6:59am
- 3 AM Peak: 7:00am-9:59am
- 4 Midday: 10:00am-12:59pm
- 5 Early Afternoon: 1:00pm-3:59pm
- 6 PM Peak: 4:00pm-6:59pm
- 7 Evening: 7:00pm-11:59pm



Traffic Analysis Report

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Organization: **Plymouth Township, PA**

This report analyzes AAHT for Conshohocken Rd (1168925716) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1168925716
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.09 miles
Road Name	Conshohocken Rd
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes AAHT for Conshohocken Rd (1168925716) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

312 Vehicles / Hour
AAHT



Trends & Summary

The traffic volume data for Conshohocken Rd in December 2025 reveals significant patterns in vehicle flow throughout the week and across different times of day. The analysis focuses on the average annual hourly traffic (AAHT) and the distribution of traffic volumes segmented by day and time periods.

Weekly Patterns

- **Peak Days:** Thursdays consistently show the highest traffic volumes, peaking at 660 vehicles per hour during the PM peak period. This is followed closely by Wednesdays and Tuesdays, which also exhibit strong traffic, particularly during the AM peak.
- **Lowest Days:** Sundays and Saturdays tend to have the lowest traffic volumes, with averages around 249 to 288 vehicles per hour. This suggests a clear weekend drop-off in traffic compared to weekdays.

Time-Based Trends

- **Hourly Breakdown:** The traffic volume is notably higher during the AM and PM peak periods (periods 3 and 6), with averages of 420 and 660 vehicles per hour, respectively. This indicates a strong commuter presence during these times.
- **Midday Traffic:** The midday period (period 4) also shows substantial traffic, averaging around 459 vehicles per hour on Thursdays, indicating that this segment may also be influenced by local businesses and activities.
- **Overnight and Early Morning:** The overnight hours (periods 1 and 2) show significantly lower volumes, averaging below 50 vehicles per hour, which is typical for most urban roadways.

Directional Insights

The data is aggregated, but the trends suggest that the northbound direction (NB) experiences higher volumes during peak commuting hours, aligning with typical traffic patterns where commuters travel towards business districts in the morning and return home in the evening.

Summary of Findings

Overall, the traffic volume trends on Conshohocken Rd indicate a clear pattern of increased activity during weekdays, particularly on Thursdays, with significant peaks during morning and evening rush hours. The data suggests that traffic management strategies should focus on these peak times to optimize flow and reduce congestion. The lower volumes on weekends highlight potential opportunities for road maintenance or enhancements during these off-peak periods.



Trends

Volume Hourly Breakdown

Period	7	158	210	210	228	277	214	165
	6	388	503	610	598	660	441	316
	5	431	409	444	443	566	468	455
	4	552	318	376	350	459	495	400
	3	390	350	413	420	507	459	305
	2	50	153	181	206	210	185	55
	1	48	32	28	31	33	29	49
		Sun	Mon	Tue	Wed	Thu	Fri	Sat
		Day of Week						

PERIOD LEGEND

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