



Traffic Analysis Report

Jolly Rd (1256094919)

Organization: **Plymouth Township, PA**

This report analyzes Avg. Speed for Jolly Rd (1256094919) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1256094919
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.03 miles
Road Name	Jolly Rd
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes Avg. Speed for Jolly Rd (1256094919) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

SPEED LIMIT 25 MPH	// DIFF
Average	30 / +5
50th	31 / +6
85th	34 / +9
95th	35 / +10



Trends & Summary

The analysis of traffic speed data for Jolly Rd in Plymouth Township during December 2025 reveals several noteworthy trends based on the average speed metrics across different days of the week and time periods.

Average Speed Observations

- The overall average speed recorded is approximately **30 MPH**, which is notably higher than the posted speed limit of **25 MPH**. This indicates a consistent trend of vehicles exceeding the speed limit along this local road segment.
- The **50th percentile speed** is **31 MPH**, while the **85th percentile speed** reaches **34 MPH**, suggesting that a significant portion of drivers are traveling at speeds that could be considered unsafe relative to the speed limit.

Daily Speed Trends

- An analysis of average speeds by day shows a slight variation throughout the week:
- **Sundays** report the lowest average speed at **29 MPH**. - **Saturdays** exhibit the highest average speed at **33 MPH**. - Weekdays (Monday through Friday) maintain relatively stable speeds around **30-32 MPH**, with **Tuesdays** and **Thursdays** consistently showing higher averages of **32 MPH**.

Time-Based Trends

- The heatmap data indicates that speed patterns are fairly consistent across different periods of the day, with only minor fluctuations:
- **Early morning (Period 2)** and **PM peak (Period 6)** show average speeds around **29-31 MPH**. - The **midday (Period 4)** and **early afternoon (Period 5)** periods see a slight increase in average speeds, peaking at **31 MPH**.

Conclusion

The data suggests that while average speeds are above the posted limit, they remain relatively stable throughout the week and across different times of the day. The highest speeds occur on weekends, particularly on Saturdays, which may indicate increased leisure travel or reduced enforcement during these times. Continuous monitoring and potential interventions may be necessary to address the persistent trend of exceeding the speed limit, particularly during peak weekend hours.



Trends

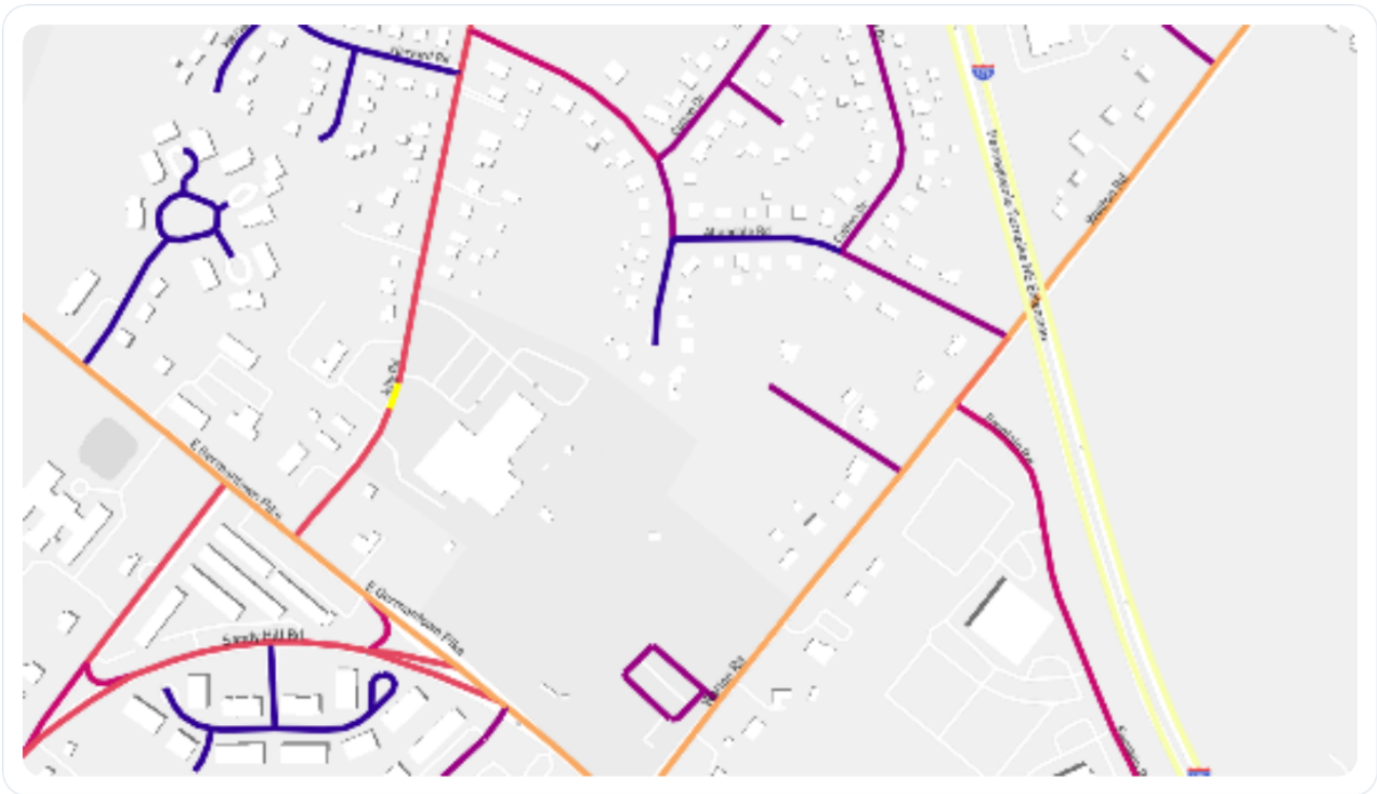
Average Speed Breakdown

7	30	31	30	30	31	29	30
6	29	29	31	30	30	30	30
5	31	31	30	31	31	31	31
4	30	31	30	31	31	31	31
3	30	31	29	31	30	30	31
2	26	30	32	31	32	31	33
1	29	31	32	32	32	30	30
	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

Jolly Rd (1256094888)

Organization: **Plymouth Township, PA**

This report analyzes AAHT for Jolly Rd (1256094888) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1256094888
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.02 miles
Road Name	Jolly Rd
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes AAHT for Jolly Rd (1256094888) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

132 Vehicles / Hour
AAHT



Trends & Summary

The traffic volume data for Jolly Rd in Plymouth Township during December 2025 reveals several noteworthy patterns in vehicle activity across different days of the week and time periods.

Daily Trends

The analysis indicates a clear variation in traffic volume throughout the week. The highest average hourly traffic (AAHT) occurs on Tuesdays, with an average of approximately 143 vehicles per hour, while Sundays show the lowest volume at around 102 vehicles per hour. This suggests that midweek days, particularly Tuesdays, are peak traffic days, likely due to increased commuter activity.

Hourly Breakdown

When examining the hourly distribution, the PM Peak period (6) stands out with a maximum recorded volume of 290 vehicles per hour on Tuesdays. This is significantly higher than other periods, indicating that evening rush hour is a critical time for traffic management. The Midday (4) and Early Afternoon (5) periods also show substantial volumes, with averages around 145 vehicles per hour, suggesting sustained traffic throughout the day.

Weekly Patterns

The heatmap data illustrates that traffic volumes are generally higher on weekdays compared to weekends. Notably, Fridays and Mondays also exhibit elevated traffic levels, likely due to the transition into and out of the workweek. The consistent rise in traffic from Sunday to Tuesday, peaking on Tuesday, reinforces the notion of a busy midweek.

Summary of Findings

Overall, the data indicates that Jolly Rd experiences significant traffic fluctuations based on the day of the week and time of day. The peak traffic days are midweek, particularly Tuesdays, while the evening rush hour is the most congested time period. This information is crucial for understanding traffic dynamics and planning for potential improvements or interventions to enhance flow and reduce congestion during peak times.



Trends

Volume Hourly Breakdown

7	73	97	101	105	115	124	119
6	154	220	290	271	275	238	198
5	185	211	234	237	247	223	201
4	168	133	139	153	147	147	212
3	69	137	158	179	177	134	91
2	23	55	56	51	41	47	25
1	43	26	25	24	18	22	31
	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
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