



Traffic Analysis Report

Jolly Rd (18748455)

Organization: **Plymouth Township, PA**

This report analyzes Avg. Speed for Jolly Rd (18748455) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	18748455
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.14 miles
Road Name	Jolly Rd
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes Avg. Speed for Jolly Rd (18748455) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

SPEED LIMIT 25 MPH	// DIFF
Average	26 / +1
50th	26 / +1
85th	32 / +7
95th	34 / +9



Trends & Summary

The traffic speed data for Jolly Rd in Plymouth Township during December 2025 reveals several noteworthy trends based on the heatmap and average speed metrics.

Weekly Patterns

The average speed across the week shows slight variations, with the following observations:

- **Highest Average Speed:** Saturdays recorded the highest average speed of 30 MPH in the second period (Early Morning).
- **Lowest Average Speed:** Sundays exhibited the lowest average speed of 23 MPH in the first period (Overnight).
- **Midweek Consistency:** Average speeds from Tuesday to Thursday remained relatively stable, hovering around 26-27 MPH, indicating consistent traffic flow during the midweek days.

Hourly Breakdown

The data is segmented into seven periods throughout the day:1. **Overnight (Period 1):** Speeds are generally lower, with averages around 25-27 MPH.2. **Early Morning (Period 2):** A slight increase in speed, peaking at 30 MPH on Saturdays.3. **AM Peak (Period 3):** Speeds stabilize around 26-27 MPH, suggesting a typical morning rush.4. **Midday (Period 4):** Average speeds remain consistent, indicating steady traffic.5. **Early Afternoon (Period 5):** Similar to midday, with speeds around 26-27 MPH.6. **PM Peak (Period 6):** Speeds drop slightly to around 25 MPH, reflecting increased congestion.7. **Evening (Period 7):** Speeds remain steady at approximately 25-26 MPH.

Speed Comparisons

- The average speed recorded is 26 MPH, which is slightly above the posted speed limit of 25 MPH. The 50th percentile speed matches the average, while the 85th and 95th percentile speeds are notably higher at 32 MPH and 34 MPH, respectively. This indicates that while most vehicles comply with the speed limit, a significant portion exceeds it, particularly during peak hours.

Conclusion

Overall, the data suggests that traffic on Jolly Rd is relatively consistent throughout the week, with minor fluctuations based on the day and time. The peak speeds on weekends, particularly Saturdays, may warrant further investigation into traffic patterns or events that could influence these trends. The slight exceedance of the speed limit during peak periods highlights the need for ongoing monitoring to ensure safety and compliance.



Trends

Average Speed Breakdown

7	25	25	26	25	26	25	24
6	25	25	25	25	25	25	25
5	26	25	26	26	27	25	26
4	25	26	25	27	27	26	27
3	27	25	24	26	26	25	27
2	28	28	28	28	28	27	30
1	27	25	27	27	29	25	23
	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 (18748455)

Organization: **Plymouth Township, PA**

This report analyzes AAHT for Jolly Rd (18748455) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	18748455
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.14 miles
Road Name	Jolly Rd
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes AAHT for Jolly Rd (18748455) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

156 Vehicles / Hour
AAHT



Trends & Summary

The traffic volume data for Jolly Rd in Plymouth Township during December 2025 reveals several notable trends based on the hourly and daily breakdowns.

Daily Traffic Patterns

- **Peak Days:** Saturdays show the highest traffic volume, with an average of 45 vehicles per hour during the early morning period (1) and peaking at 244 vehicles per hour during the midday period (4). This suggests that weekends, particularly Saturdays, attract more traffic, likely due to recreational activities or shopping.
- **Lowest Days:** Tuesdays exhibit the lowest traffic volumes across most periods, particularly in the early morning (22 vehicles per hour) and evening (87 vehicles per hour). This indicates a potential trend of lower weekday traffic, possibly due to fewer commuting activities.

Hourly Traffic Trends

- **Morning Peaks:** The AM peak (period 3) shows a significant increase in traffic, peaking at 357 vehicles per hour on Wednesdays. This suggests a strong commuter presence during the midweek mornings, indicating that Jolly Rd serves as a critical route for daily commuters.
- **Evening Patterns:** The PM peak (period 6) also shows substantial traffic, with a peak of 349 vehicles per hour on Tuesdays. This reinforces the idea of Jolly Rd being a vital corridor for both morning and evening commutes.

Overall Volume Insights

- The average annual hourly traffic (AAHT) is recorded at 156 vehicles, with an annual average daily traffic (AADT) of 3,500 vehicles. This indicates a consistent flow of traffic throughout the week, with variations based on the day and time.
- The overall average traffic volume across the week shows a gradual increase from Sunday to Thursday, peaking midweek before tapering off on Fridays and Saturdays.

Conclusion

The analysis of traffic patterns on Jolly Rd indicates a clear distinction between weekday and weekend traffic, with significant peaks during morning and evening commutes. Understanding these trends is crucial for future traffic management and infrastructure planning, ensuring that the road can accommodate varying traffic demands efficiently.



Trends

Volume Hourly Breakdown

7	74	89	87	92	113	122	114
6	166	287	349	357	352	300	211
5	219	261	275	288	324	280	245
4	179	166	174	191	185	172	244
3	71	181	216	231	227	167	91
2	23	60	62	62	46	47	27
1	35	32	22	27	24	26	45
	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