DETAILED FINDINGS FOR THE FIVE BOROUGHS
AND 59 COMMUNITY DISTRICTS
Manhattan Borough Information
Total Number of Street Miles (linear): 508.38
Total Number of Blocks: 6718

JOLT SCORE:
Number of Significant Jolts Per Mile
14.4

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*
45%

COMMUNITY DISTRICT SCORES

<table>
<thead>
<tr>
<th>Community District</th>
<th>Jolt Score</th>
<th>Citywide Ranking**</th>
<th>Smoothness Score</th>
<th>Citywide Ranking**</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>31.79</td>
<td>59</td>
<td>20.56%</td>
<td>59</td>
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<tr>
<td>2</td>
<td>23.83</td>
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<td>30.98%</td>
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<td>3</td>
<td>12.91</td>
<td>51</td>
<td>41.21%</td>
<td>56</td>
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<td>4</td>
<td>12.63</td>
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<td>58.21%</td>
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<td>5</td>
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<td>6</td>
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<td>7</td>
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<td>49.25%</td>
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<td>8</td>
<td>9.56</td>
<td>41</td>
<td>41.15%</td>
<td>57</td>
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<td>★9</td>
<td>8.08</td>
<td>33</td>
<td>57.52%</td>
<td>32</td>
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<tr>
<td>10</td>
<td>7.83</td>
<td>29</td>
<td>53.58%</td>
<td>41</td>
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<tr>
<td>11</td>
<td>13.78</td>
<td>53</td>
<td>41.76%</td>
<td>55</td>
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<td>12</td>
<td>11.37</td>
<td>47</td>
<td>46.75%</td>
<td>50</td>
</tr>
</tbody>
</table>

★ Best community district in Manhattan
* Good and Fair categories were considered “acceptable” by the focus group raters.
** Out of 59 community districts

NOTE: In the computation of Smoothness Score, blocks are weighted by length. For description of methodology, rating categories, and weighting procedures, see Technical Appendix. Citywide and borough smoothness scores are rounded to the nearest whole number; jolt scores are rounded to the nearest tenth. For ranking purposes, community district scores are rounded to the nearest hundredth.
Manhattan Community District 1
Total Number of Street Miles (linear): 31.12
Total Number of Blocks: 554
Neighborhood(s): Financial District, Tribeca, Battery Park City, Civic Center, Seaport

JOLT SCORE:
Number of Significant Jolts Per Mile

31.79

Citywide Ranking: 59th of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*

20.56%

Citywide Ranking: 59th of 59

HOW THIS DISTRICT COMPARES

*Good and Fair categories were considered “acceptable” by the focus group raters. See Table 1 for further detail.

NOTE: In the computation of Smoothness Score, blocks are weighted by length. For description of methodology, rating categories, and weighting procedures, see Technical Appendix. Light gray areas in map are parks, airports, cemeteries, and other large areas not measured.
Manhattan Community District 2
Total Number of Street Miles (linear): 42.85
Total Number of Blocks: 681
Neighborhood(s): Greenwich Village, Soho, West Village, Chinatown, Little Italy, Noho

JOLT SCORE:
Number of Significant Jolts Per Mile

23.83

Citywide Ranking: 58th of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*

30.98%

Citywide Ranking: 58th of 59

HOW THIS DISTRICT COMPARES

JOLT SCORE

<table>
<thead>
<tr>
<th>Year</th>
<th>Jolt Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYC '99</td>
<td>8.71</td>
</tr>
<tr>
<td>Mn '99</td>
<td>14.39</td>
</tr>
<tr>
<td>Mn 2 '99</td>
<td>23.83</td>
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<tr>
<td>Mn 2 '97</td>
<td>20.84</td>
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SMOOTHNESS SCORE: THE FOUR CATEGORIES*

<table>
<thead>
<tr>
<th>Year</th>
<th>Good</th>
<th>Fair</th>
<th>Poor</th>
<th>Terrible</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYC '99</td>
<td>50%</td>
<td></td>
<td>30%</td>
<td></td>
</tr>
<tr>
<td>Mn '99</td>
<td>50%</td>
<td></td>
<td>30%</td>
<td></td>
</tr>
<tr>
<td>Mn 2 '99</td>
<td>50%</td>
<td></td>
<td>30%</td>
<td></td>
</tr>
<tr>
<td>Mn 2 '97</td>
<td>50%</td>
<td></td>
<td>30%</td>
<td></td>
</tr>
</tbody>
</table>

*Good and Fair categories were considered “acceptable” by the focus group raters. See Table 1 for further detail.

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Manhattan Community District 3

Total Number of Street Miles (linear): 40.58
Total Number of Blocks: 562
Neighborhood(s): East Village, Lower East Side, Tompkins Square, Two Bridges

REPORT NUMBER TWO

How Smooth Are New York City’s Streets?

JOLT SCORE:
Number of Significant Jolts Per Mile

12.91

Citywide Ranking: 51st of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*

41.21%

Citywide Ranking: 56th of 59

HOW THIS DISTRICT COMPARES

<table>
<thead>
<tr>
<th>JOLT SCORE</th>
<th>SMOOTHNESS SCORE: THE FOUR CATEGORIES*</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYC ’99</td>
<td>Good</td>
</tr>
<tr>
<td>Mn ’99</td>
<td>Fair</td>
</tr>
<tr>
<td>Mn 3 ’99</td>
<td>Poor</td>
</tr>
<tr>
<td>Mn 3 ’97</td>
<td>Terrible</td>
</tr>
</tbody>
</table>

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Manhattan Community District 4

Total Number of Street Miles (linear): 37.03
Total Number of Blocks: 385
Neighborhood(s): Clinton, Chelsea

JOLT SCORE:
Number of Significant Jolts Per Mile

12.63

Citywide Ranking: 50th of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*

58.21%

Citywide Ranking: 29th of 59

HOW THIS DISTRICT COMPARES

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80
Manhattan Community District 5
Total Number of Street Miles (linear): 55.89
Total Number of Blocks: 662
Neighborhood(s): Midtown, Flatiron

**SMOOTHNESS SCORE:** Percent of Blocks Rated Acceptable* 42.42%

Citywide Ranking: 53rd of 59

**JOLT SCORE:** Number of Significant Jolts Per Mile 23.74

Citywide Ranking: 57th of 59

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Manhattan Community District 6
Total Number of Street Miles (linear): 27.84
Total Number of Blocks: 333
Neighborhood(s): Gramercy, Murray Hill, Stuyvesant Town, Peter Cooper Village, Tudor City, Turtle Bay

JOLT SCORE:
Number of Significant Jolts Per Mile
15.66

Citywide Ranking: 55th of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*
43.13%

Citywide Ranking: 52nd of 59

HOW THIS DISTRICT COMPARES

*Good and Fair categories were considered “acceptable” by the focus group raters. See Table 1 for further detail.
Manhattan Community District 7
Total Number of Street Miles (linear): 52.08
Total Number of Blocks: 661
Neighborhood(s): Upper West Side, Manhattan Valley, Lincoln Square

JOLT SCORE:
Number of Significant Jolts Per Mile
7.96
Citywide Ranking: 30th of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*
49.25%
Citywide Ranking: 46th of 59

HOW THIS DISTRICT COMPARES

John Doe

JOLT SCORE

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>10</th>
<th>20</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYC '99</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mn '99</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mn '99</td>
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<tr>
<td>Mn 7 '99</td>
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</tr>
<tr>
<td>Mn 7 '97</td>
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</table>

SMOOTHNESS SCORE: THE FOUR CATEGORIES*

<table>
<thead>
<tr>
<th></th>
<th>NYC '99</th>
<th>Mn '99</th>
<th>Mn 7 '99</th>
<th>Mn 7 '97</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>Good</td>
<td>Fair</td>
<td>Poor</td>
<td>Terrible</td>
</tr>
<tr>
<td>20%</td>
<td>Acceptable</td>
<td></td>
<td>Unacceptable</td>
<td></td>
</tr>
</tbody>
</table>

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Manhattan Community District 8
Total Number of Street Miles (linear): 50.97
Total Number of Blocks: 641
Neighborhood(s): Upper East Side, Yorkville, Roosevelt Island, Lenox Hill, Carnegie Hill

JOLT SCORE:
Number of Significant Jolts Per Mile

Citywide Ranking: 41st of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*

Citywide Ranking: 57th of 59

HOW THIS DISTRICT COMPARES

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Manhattan Community District 9
Total Number of Street Miles (linear): 35.53
Total Number of Blocks: 456
Neighborhood(s): Hamilton Heights, Morningside Heights, Manhattanville

**JOLT SCORE:**
Number of Significant Jolts Per Mile

- **8.08**

Citywide Ranking: **33rd of 59**

**SMOOTHNESS SCORE:**
Percent of Blocks Rated Acceptable*

- **57.52%**

Citywide Ranking: **32nd of 59**

**HOW THIS DISTRICT COMPARES**

<table>
<thead>
<tr>
<th>Year</th>
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<th>SMOOTHNESS Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYC '99</td>
<td>8.71</td>
<td>85%</td>
</tr>
<tr>
<td>Mn '99</td>
<td>14.39</td>
<td>75%</td>
</tr>
<tr>
<td>Mn '99</td>
<td>8.08</td>
<td>57.52%</td>
</tr>
<tr>
<td>Mn '97</td>
<td>8.87</td>
<td>55%</td>
</tr>
</tbody>
</table>

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Manhattan Community District 10

Total Number of Street Miles (linear): 44.29
Total Number of Blocks: 568
Neighborhood(s): Central Harlem, Polo Grounds

JOLT SCORE:
Number of Significant Jolts Per Mile

7.83
Citywide Ranking: 29th of 59

SMOOTHNESS SCORE:
Percent of Blocks Rated Acceptable*

53.58%
Citywide Ranking: 41st of 59

HOW THIS DISTRICT COMPARES

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Manhattan Community District 11
Total Number of Street Miles (linear): 36.03
Total Number of Blocks: 446
Neighborhood(s): East Harlem

HOW THIS DISTRICT COMPARES

JOLT SCORE: Number of Significant Jolts Per Mile

13.78

Citywide Ranking: 53rd of 59

SMOOTHNESS SCORE: Percent of Blocks Rated Acceptable*

41.76%

Citywide Ranking: 55th of 59

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Manhattan Community District 12
Total Number of Street Miles (linear): 54.16
Total Number of Blocks: 769
Neighborhood(s): Inwood, Washington Heights

JOLT SCORE: Number of Significant Jolts Per Mile
11.37
Citywide Ranking: 47th of 59

SMOOTHNESS SCORE: Percent of Blocks Rated Acceptable*
46.75%
Citywide Ranking: 50th of 59

HOW THIS DISTRICT COMPARES

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<tr>
<td>Mn 12 ’99</td>
<td>11.37</td>
</tr>
<tr>
<td>Mn 12 ’97</td>
<td>11.57</td>
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</table>

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