**New Bedford Code Violation Analysis**

Daniel Fay

**Total Violations (Jan 1, 2014 – May 9, 2017):** 10579

**Total Violations after data cleaning:** 10425

**Bar Plot of top 5 most frequent violations:**



**Bar Plot of top 5 census tracts with most violations:**

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**Most frequent violations in top 5 census tracts:**

|  |  |  |
| --- | --- | --- |
| **Census Tract** | **Violation** | **Count** |
| **25005651100** | 16-74 B - Overflow | 326 |
| **25005652700** | 16-74 I - Bulky | 196 |
| **25005650700** | 16-74 B - Overflow | 202 |
| **25005650800** | 16-74 I - Bulky | 218 |
| **25005651600** | 16-74 B - Overflow | 248 |

**Time series plot of total violations per month:**



**Spatial Analysis:**

