

**Table 4-2 Composition of Municipal Solid Waste**

| Period | Total  | Physical Composition (On Dry Base) |       |          |                  |             |          |                  |        |                |      |             |
|--------|--------|------------------------------------|-------|----------|------------------|-------------|----------|------------------|--------|----------------|------|-------------|
|        |        | Combustibles                       |       |          |                  |             |          |                  |        | Incombustibles |      |             |
|        |        | Sub-total                          | Paper | Textiles | Garden Trimmings | Food Wastes | Plastics | Leather & Rubber | Others | Sub-total      | Iron | Other Metal |
|        | %      | %                                  | %     | %        | %                | %           | %        | %                | %      | %              | %    | %           |
| 2010   | 100.00 | 97.10                              | 39.57 | 2.52     | 1.74             | 35.68       | 16.57    | 0.51             | 0.52   | 2.90           | 0.33 | 0.34        |
| 2011   | 100.00 | 97.44                              | 38.31 | 2.04     | 1.39             | 39.21       | 15.66    | 0.23             | 0.61   | 2.56           | 0.22 | 0.30        |
| 2012   | 100.00 | 97.46                              | 38.85 | 2.52     | 1.46             | 38.33       | 15.61    | 0.20             | 0.49   | 2.54           | 0.28 | 0.22        |
| 2013   | 100.00 | 97.88                              | 41.71 | 2.35     | 1.32             | 35.07       | 16.57    | 0.36             | 0.52   | 2.12           | 0.27 | 0.21        |
| 2014   | 100.00 | 98.01                              | 39.42 | 2.34     | 1.31             | 37.64       | 16.56    | 0.14             | 0.60   | 2.00           | 0.21 | 0.30        |
| 2015   | 100.00 | 97.94                              | 34.69 | 4.67     | 1.61             | 40.39       | 15.55    | 0.54             | 0.50   | 2.06           | 0.33 | 0.17        |
| 2016   | 100.00 | 97.42                              | 36.76 | 3.55     | 1.28             | 37.98       | 16.61    | 0.63             | 0.61   | 2.58           | 0.22 | 0.29        |
| 2017   | 100.00 | 97.52                              | 36.12 | 4.63     | 1.55             | 38.14       | 16.00    | 0.43             | 0.64   | 2.48           | 0.21 | 0.28        |
| 2018   | 100.00 | 97.52                              | 35.64 | 4.93     | 3.27             | 34.48       | 17.79    | 0.84             | 0.57   | 2.48           | 0.37 | 0.20        |
| 2019   | 100.00 | 97.13                              | 38.83 | 5.10     | 2.42             | 31.12       | 18.67    | 0.55             | 0.43   | 2.87           | 0.39 | 0.26        |
| 2020   | 100.00 | 97.25                              | 34.61 | 8.55     | 5.22             | 21.78       | 20.20    | 1.05             | 5.84   | 2.75           | 0.51 | 0.38        |
| 2021   | 100.00 | 96.62                              | 37.26 | 7.63     | 3.19             | 17.63       | 26.28    | 0.86             | 3.78   | 3.38           | 0.65 | 0.42        |
| 2022   | 100.00 | 97.61                              | 36.60 | 9.74     | 3.45             | 15.80       | 28.40    | 0.80             | 2.82   | 2.39           | 0.54 | 0.26        |
| 2023   | 100.00 | 98.31                              | 39.74 | 9.79     | 3.80             | 17.41       | 25.86    | 0.53             | 1.19   | 1.69           | 0.33 | 0.21        |
| 2024   | 100.00 | 98.13                              | 39.37 | 7.96     | 3.12             | 18.04       | 26.95    | 0.36             | 2.34   | 1.87           | 0.37 | 0.14        |

Source: Local Environmental Protection Bureaus.

Note: 2005 the "Physical Composition" analysis on moisture base .

**Table 4-2 Composition of Municipal Solid Waste (Cont.)**

| Period |                |        | Chemical Analysis |      |              |       |      |       |      |      |          |
|--------|----------------|--------|-------------------|------|--------------|-------|------|-------|------|------|----------|
|        | Incombustibles |        | Moisture          | Ash  | Combustibles |       |      |       |      |      |          |
|        | Glass          | Others |                   |      | Sub-total    | C     | H    | O     | N    | S    | Chlorine |
|        | %              | %      | %                 | %    | %            | %     | %    | %     | %    | %    | %        |
| 2010   | 1.53           | 0.69   | 52.66             | 5.19 | 42.15        | 22.90 | 3.79 | 14.80 | 0.38 | 0.16 | 0.13     |
| 2011   | 1.28           | 0.76   | 55.06             | 4.70 | 40.23        | 21.70 | 3.23 | 14.70 | 0.35 | 0.14 | 0.11     |
| 2012   | 1.26           | 0.78   | 53.97             | 4.96 | 41.07        | 22.36 | 3.46 | 14.62 | 0.38 | 0.15 | 0.11     |
| 2013   | 0.68           | 0.96   | 54.08             | 4.54 | 41.38        | 22.26 | 3.30 | 15.31 | 0.31 | 0.12 | 0.08     |
| 2014   | 0.80           | 0.69   | 55.17             | 5.48 | 39.35        | 22.03 | 2.92 | 13.81 | 0.36 | 0.18 | 0.06     |
| 2015   | 0.96           | 0.59   | 54.79             | 5.94 | 39.27        | 22.10 | 3.29 | 13.18 | 0.48 | 0.10 | 0.12     |
| 2016   | 0.98           | 1.10   | 52.91             | 6.28 | 40.80        | 23.05 | 3.50 | 13.68 | 0.37 | 0.11 | 0.09     |
| 2017   | 0.80           | 1.19   | 52.60             | 6.07 | 41.33        | 23.15 | 3.37 | 14.26 | 0.40 | 0.07 | 0.06     |
| 2018   | 0.88           | 1.04   | 50.77             | 6.12 | 43.10        | 24.09 | 3.78 | 14.64 | 0.41 | 0.08 | 0.11     |
| 2019   | 0.92           | 1.30   | 48.49             | 6.63 | 44.88        | 24.88 | 3.55 | 15.86 | 0.42 | 0.11 | 0.08     |
| 2020   | 1.19           | 0.67   | 45.34             | 9.27 | 45.40        | 24.43 | 3.30 | 16.82 | 0.54 | 0.09 | 0.23     |
| 2021   | 1.23           | 1.09   | 40.33             | 9.10 | 50.57        | 27.10 | 4.05 | 18.63 | 0.54 | 0.09 | 0.16     |
| 2022   | 1.08           | 0.51   | 41.45             | 7.04 | 51.52        | 28.12 | 4.46 | 18.15 | 0.49 | 0.09 | 0.21     |
| 2023   | 0.57           | 0.60   | 40.07             | 6.20 | 53.73        | 29.77 | 4.50 | 18.80 | 0.41 | 0.09 | 0.16     |
| 2024   | 0.60           | 0.76   | 39.73             | 6.46 | 53.82        | 30.25 | 4.84 | 17.91 | 0.64 | 0.08 | 0.12     |