

1 Litein Mission Hospital

Patients/Daily average 210

Average waste/patient/d

Type of waste	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total waste in Kg	ay	KES/Patient/day
Sharps	0.00	16.50	6.00	0.00	0.00	0.00	2.00	24.500	0.017	0.77
Infectious waste	35.50	35.50	26.00	37.50	34.50	37.50	25.50	232.000	0.158	7.32
Non-infectious waste	29.00	28.00	24.00	23.00	32.50	26.50	14.50	177.500	0.121	5.60
Highly infectious waste	9.00	12.50	4.00	12.00	18.50	19.00	10.00	85.000	0.058	2.68
Chemical waste	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.500	0.000	0.02
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00
Food waste	93.00	97.00	54.50	96.00	74.50	92.00	52.00	559.000	0.380	17.63
<b>Total Daily waste</b>	<b>166.50</b>	<b>189.50</b>	<b>114.50</b>	<b>168.50</b>	<b>160.50</b>	<b>175.00</b>	<b>104.00</b>	<b>1078.500</b>	<b>0.734</b>	<b>34.01</b>
				<b>Total Monthly costs</b>		<b>50000.00</b>		<b>Cost(KES)/kg</b>	<b>46.36</b>	<b>34.01</b>
				<b>Bed capacity</b>					<b>160</b>	

2 Friends Lugulu Mission Hospital

Patients/Daily average 190

Average waste/patient/d

Type of waste	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total waste in Kg	ay	KES/Patient/day
Sharps	0.00	0.25	0.50	0.25	0.25	0.25	0.00	1.500	0.001	
Infectious waste	1.00	0.25	0.25	0.25	0.25	5.00	0.00	7.000	0.005	
Non-infectious waste	1.50	1.00	0.50	15.00	0.25	14.00	0.00	32.250	0.024	
Highly infectious waste	8.00	0.25	0.80	0.50	5.75	0.00	0.00	15.300	0.012	
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Pharmaceutical waste	10.00	3.00	8.00	8.00	15.00	0.00	0.00	44.000	0.033	
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Food waste	20.00	15.50	20.00	10.00	5.00	5.00	0.00	75.500	0.057	
<b>Total Daily waste</b>	<b>40.50</b>	<b>20.25</b>	<b>30.05</b>	<b>34.00</b>	<b>26.50</b>	<b>24.25</b>	<b>0.00</b>	<b>175.55</b>	<b>0.132</b>	<b>0.00</b>
				<b>Total Monthly costs</b>				<b>Cost(KES)/kg</b>	<b>0.000</b>	<b>0.00</b>
				<b>Bed capacity</b>					<b>110</b>	

3

**Moi Teaching and Referral Hospital****Patients/Daily average****1345****Average  
waste/patient/d**

<b>Type of waste</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Total waste in Kg</b>	<b>ay</b>	<b>KES/Patient/day</b>
Sharps	33.40	23.65	25.60	5.75	20.05	39.22	32.00	179.670	0.019	
Infectious waste	517.80	371.45	338.60	364.10	294.30	459.60	378.90	2724.750	0.289	
Non-infectious waste	378.50	390.40	380.20	324.50	341.20	387.57	377.50	2579.870	0.274	
Highly infectious waste	19.70	22.00	21.30	13.00	12.80	24.20	15.30	128.300	0.014	
Chemical waste	2.15	2.15	0.45	0.45	1.15	0.40	1.15	7.900	0.001	
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Food waste	662.90	503.50	397.20	420.70	478.10	564.77	608.40	3635.570	0.386	
<b>Total Daily waste</b>	<b>1614.45</b>	<b>1313.15</b>	<b>1163.35</b>	<b>1128.50</b>	<b>1147.60</b>	<b>1475.76</b>	<b>1413.25</b>	<b>9256.06</b>	<b>0.983</b>	<b>0.00</b>
				<b>Total Monthly costs</b>				<b>Cost(KES)/kg</b>	<b>0.00</b>	<b>0.00</b>
				<b>Bed capacity</b>					<b>420</b>	

4

**Molo sub-District Hospital****Patients/Daily average****320****Average  
waste/patient/d**

<b>Type of waste</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Total waste in Kg</b>	<b>ay</b>	<b>KES/Patient/day</b>
Sharps	6.00	4.50	6.50	7.00	5.00	5.50	6.00	40.500	0.018	0.06
Infectious waste	31.00	48.00	27.00	49.00	35.00	41.00	27.00	258.000	0.115	0.37
Non-infectious waste	23.00	26.50	25.00	29.00	27.00	31.00	49.00	210.500	0.094	0.30
Highly infectious waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00
Chemical waste	4.00	3.00	3.50	4.50	4.00	3.50	3.00	25.500	0.011	0.04
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.00
Food waste	35.00	31.00	28.00	28.00	31.00	29.00	35.00	217.000	0.097	0.31
<b>Total Daily waste</b>	<b>99.00</b>	<b>113.00</b>	<b>90.00</b>	<b>117.50</b>	<b>102.00</b>	<b>110.00</b>	<b>120.00</b>	<b>751.50</b>	<b>0.335</b>	<b>1.07</b>
				<b>Total Monthly costs</b>			<b>2400.00</b>	<b>Cost(KES)/kg</b>	<b>3.19</b>	<b>1.07</b>

**Bed capacity**

**60**

**5**

**Gertrude Children's Hospital**

**Patients/Daily average**

**215**

**Average  
waste/patient/d  
ay**

<b>Type of waste</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Total waste in Kg</b>	<b>KES/Patient/day</b>
Sharps	0.59	0.45	0.69	1.18	0.46	1.20	1.08	5.633	0.004
Infectious waste	4.25	5.07	3.65	3.00	3.11	2.77	2.16	24.001	0.016
Non-infectious waste	4.30	6.16	4.88	3.42	3.11	2.77	2.16	26.791	0.018
Highly infectious waste	3.00	0.05	6.00	0.00	0.00	3.00	0.00	12.050	0.008
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Food waste	13.50	0.19	21.50	24.00	25.00	31.50	36.50	152.190	0.101
<b>Total Daily waste</b>	<b>25.64</b>	<b>11.92</b>	<b>36.72</b>	<b>31.59</b>	<b>31.68</b>	<b>41.23</b>	<b>41.90</b>	<b>220.67</b>	<b>0.147</b>
				<b>Total Monthly costs</b>		<b>30000.00</b>		<b>Cost(KES)/kg</b>	<b>135.95</b>
				<b>Bed capacity</b>					<b>70</b>

**6**

**Mater Hospital**

**Patients/Daily average**

**95**

**Average  
waste/patient/d  
ay**

<b>Type of waste</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Total waste in Kg</b>	<b>KES/Patient/day</b>
Sharps	3.30	2.70	2.50	2.60	3.50	2.40	2.20	19.200	0.029
Infectious waste	105.00	107.00	91.00	99.00	100.00	91.00	103.00	696.000	1.047
Non-infectious waste	81.20	64.00	69.00	81.00	74.70	60.00	67.50	497.400	0.748
Highly infectious waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000
Food waste	30.50	31.10	23.50	40.90	38.40	29.00	33.50	226.900	0.341
<b>Total Daily waste</b>	<b>220.00</b>	<b>204.80</b>	<b>186.00</b>	<b>223.50</b>	<b>216.60</b>	<b>182.40</b>	<b>206.20</b>	<b>1439.50</b>	<b>2.165</b>
				<b>Total Monthly costs</b>		<b>83150.00</b>		<b>Cost(KES)/kg</b>	<b>57.76</b>
				<b>Bed capacity</b>					<b>141</b>

7

## Eldoret Hospital

Patients/Daily average

97

Average  
waste/patient/d

Type of waste	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total waste in Kg	ay	KES/Patient/day
Sharps	0.70	1.30	1.80	2.80	3.40	0.90	1.80	12.700	0.019	
Infectious waste	4.80	3.20	6.10	5.20	0.50	6.10	5.20	31.100	0.046	
Non-infectious waste	18.60	17.30	26.80	2.80	1.30	14.20	13.60	94.600	0.139	
Highly infectious waste	1.00	2.60	1.70	3.20	0.30	1.40	1.30	11.500	0.017	
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Food waste	34.00	30.00	26.80	36.30	6.00	29.90	31.00	194.000	0.286	
<b>Total Daily waste</b>	<b>59.10</b>	<b>54.40</b>	<b>63.20</b>	<b>50.30</b>	<b>11.50</b>	<b>52.50</b>	<b>52.90</b>	<b>343.90</b>	<b>0.506</b>	
				<b>Total Monthly costs</b>				<b>Cost(KES)/kg</b>	<b>0.00</b>	<b>0.00</b>
				<b>Bed capacity</b>					<b>141</b>	

8

## Marie Stopes Nursing Home

Patients/Daily average

34

Average  
waste/patient/d

Type of waste	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total waste in Kg	ay	KES/Patient/day
Sharps	5.50	5.50	8.50	8.75	8.75	5.50	5.50	48.000	0.202	
Infectious waste	6.00	3.00	4.00	4.00	4.00	5.00	5.00	31.000	0.130	
Non-infectious waste	3.00	2.00	5.00	4.00	4.00	3.00	4.00	25.000	0.105	
Highly infectious waste	3.50	4.00	3.00	2.00	3.00	2.00	3.00	20.500	0.086	
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Pharmaceutical waste	1.00	0.00	2.00	1.00	1.00	0.00	0.00	5.000	0.021	
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	
Food waste	2.50	3.00	7.00	2.00	4.00	5.00	2.00	25.500	0.107	
<b>Total Daily waste</b>	<b>21.50</b>	<b>17.50</b>	<b>29.50</b>	<b>21.75</b>	<b>24.75</b>	<b>20.50</b>	<b>19.50</b>	<b>155.00</b>	<b>0.651</b>	

**Total Monthly costs  
Bed capacity**

**Cost(KES)/kg**

**0.00  
12**

**0.00**

9

**Muranga District Hospital**

**Patients/Daily average**

**600**

**Average  
waste/patient/d**

<b>Type of waste</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Total waste in Kg</b>	<b>ay</b>	<b>KES/Patient/day</b>
Sharps	3.00	2.50	2.50	5.50	6.00	6.00	4.00	29.500	0.007	0.057
Infectious waste	57.00	54.50	54.50	50.00	52.00	82.00	63.90	413.900	0.099	0.795
Non-infectious waste	40.00	41.50	47.50	50.00	56.00	58.50	62.00	355.500	0.085	0.683
Highly infectious waste	8.00	23.00	20.50	35.50	38.50	40.50	38.50	204.500	0.049	0.393
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Food waste	94.50	130.00	97.50	90.00	90.50	173.00	180.00	855.500	0.204	1.644
<b>Total Daily waste</b>	<b>202.50</b>	<b>251.50</b>	<b>222.50</b>	<b>231.00</b>	<b>243.00</b>	<b>360.00</b>	<b>348.40</b>	<b>1858.90</b>	<b>0.443</b>	<b>3.57</b>
				<b>Total Monthly costs</b>		<b>15000.00</b>		<b>Cost(KES)/kg</b>	<b>8.07</b>	<b>3.57</b>
				<b>Bed capacity</b>					<b>223</b>	

10

**Thika District Hospital**

**Patients/Daily average**

**1450**

**Average  
waste/patient/d**

<b>Type of waste</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>	<b>Total waste in Kg</b>	<b>ay</b>	<b>KES/Patient/day</b>
Sharps								160.000	0.016	0.000
Infectious waste	102.50	146.00	173.00	145.00	258.00	160.50	164.00	1149.000	0.113	0.000
Non-infectious waste	272.00	315.00	337.00	194.00	263.50	325.50	303.00	2010.000	0.198	0.000
Highly infectious waste	2.00	7.00	5.00	2.00	4.00	2.00	2.00	24.000	0.002	0.000
Chemical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Pharmaceutical waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Radio active waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
Food waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000

<b>Total Daily waste</b>	<b>376.50</b>	<b>468.00</b>	<b>515.00</b>	<b>341.00</b>	<b>525.50</b>	<b>488.00</b>	<b>469.00</b>	<b>3343.00</b>	<b>0.329</b>	<b>0.00</b>
				<b>Total Monthly costs</b>				<b>Cost(KES)/kg</b>	<b>0.00</b>	<b>0.00</b>
				<b>Bed capacity</b>					<b>265</b>	









