

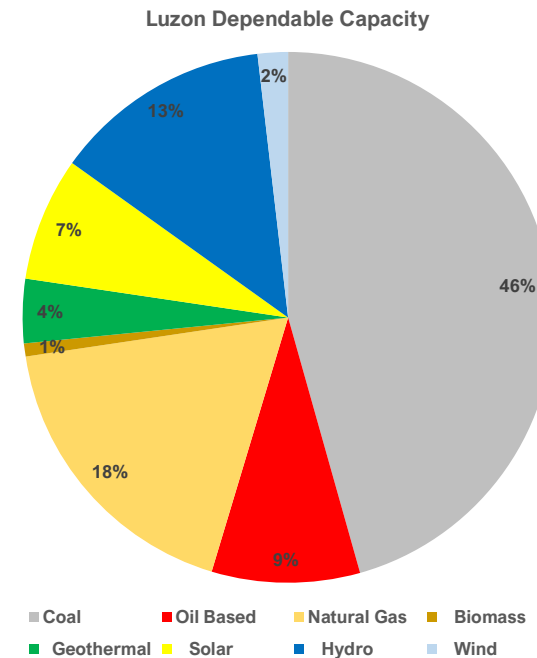
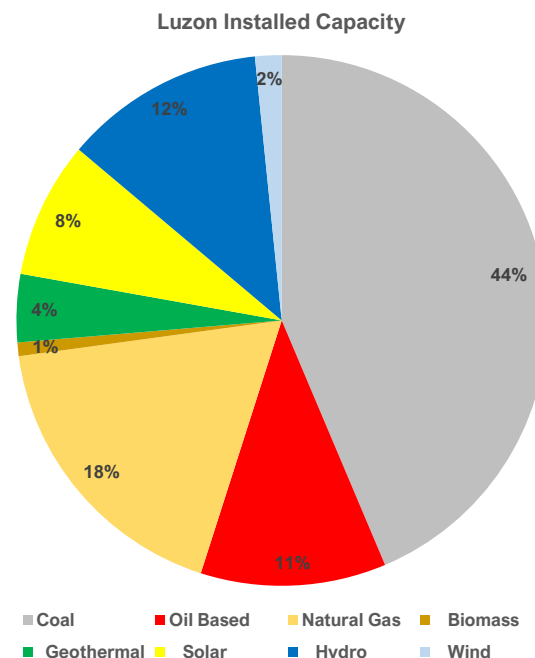


**CAPACITY MIX, MW**  
Installed and Dependable Capacity

FUEL TYPE	LUZON			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Coal</b>	<b>9,092</b>	<b>8,325</b>	<b>43.6</b>	<b>45.6</b>
<b>Oil Based</b>	<b>2,354</b>	<b>1,648</b>	<b>11.3</b>	<b>9.0</b>
<i>Diesel</i>	937	803	4.5	4.4
<i>Oil Thermal</i>	650	305	3.1	1.7
<i>Gas Turbine</i>	767	540	3.7	3.0
<b>Natural Gas</b>	<b>3,731</b>	<b>3,281</b>	<b>17.9</b>	<b>18.0</b>
<b>Renewable Energy</b>	<b>5,659</b>	<b>4,994</b>	<b>27.2</b>	<b>27.4</b>
<i>Biomass</i>	175	145	0.8	0.8
<i>Biomass</i>	167	142	0.8	0.8
<i>Waste to Energy (WTE)</i>	8	3	0.0	0.0
<b>Geothermal</b>	<b>865</b>	<b>714</b>	<b>4.1</b>	<b>3.9</b>
<b>Solar</b>	<b>1,734</b>	<b>1,375</b>	<b>8.3</b>	<b>7.5</b>
<i>Behind-the-Meter (BTM)</i>	46	44	0.2	0.2
<i>Ground-Mounted</i>	1,688	1,331	8.1	7.3
<b>Hydro</b>	<b>2,549</b>	<b>2,423</b>	<b>12.2</b>	<b>13.3</b>
<i>Impounding Hydro</i>	1,418	1,366	6.8	7.5
<i>Pumped Hydro</i>	736	720	3.5	3.9
<i>Run-of-River (ROR)</i>	395	338	1.9	1.8
<b>Wind</b>	<b>337</b>	<b>337</b>	<b>1.6</b>	<b>1.8</b>
<i>Onshore Wind</i>	337	337	1.6	1.8
<i>Off-shore Wind (OSW)</i>	0	0	0.0	0.0
<b>TOTAL</b>	<b>20,836</b>	<b>18,248</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>363</b>	<b>341</b>		
<i>Battery ESS</i>	363	341		
<i>Hybrid ESS</i>	0	0		

LUZON ROOFTOP INSTALLED SOLAR PVs (FOR OWN-USE)	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Solar</b>	<b>81</b>	<b>67</b>	<b>100.0</b>	<b>100.0</b>
<i>Rooftop Installed Solar PVs</i>	81	67	100.0	100.0

TYPE OF CONNECTION	LUZON			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Grid Connected</b>	<b>19,829</b>	<b>17,545</b>	<b>95.2</b>	<b>96.1</b>
<b>Embedded</b>	<b>1,007</b>	<b>703</b>	<b>4.8</b>	<b>3.9</b>
<b>TOTAL</b>	<b>20,836</b>	<b>18,248</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>363</b>	<b>341</b>		
<i>Battery ESS</i>	363	341		
<i>Hybrid ESS</i>	0	0		



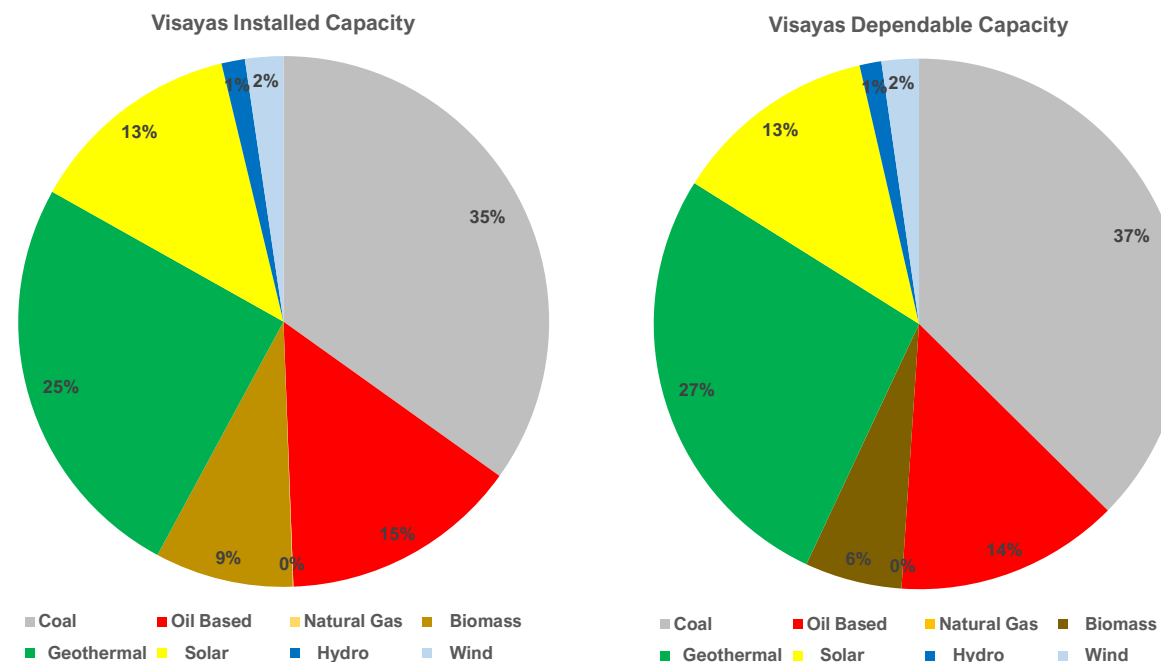


**CAPACITY MIX, MW**  
Installed and Dependable Capacity

FUEL TYPE	VISAYAS			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Coal</b>	<b>1,346</b>	<b>1,233</b>	<b>34.9</b>	<b>37.4</b>
<b>Oil Based</b>	<b>561</b>	<b>450</b>	<b>14.5</b>	<b>13.6</b>
<i>Diesel</i>	550	439	14.3	13.3
<i>Oil Thermal</i>	11	11	0.3	0.3
<i>Gas Turbine</i>	0	0	0.0	0.0
<b>Natural Gas</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>
<b>Renewable Energy</b>	<b>1,951</b>	<b>1,613</b>	<b>50.6</b>	<b>48.9</b>
<b>Biomass</b>	<b>326</b>	<b>195</b>	<b>8.4</b>	<b>5.9</b>
<i>Biomass</i>	326	195	8.4	5.9
<i>Waste to Energy (WTE)</i>	0	0	0.0	0.0
<b>Geothermal</b>	<b>975</b>	<b>888</b>	<b>25.3</b>	<b>26.9</b>
<b>Solar</b>	<b>505</b>	<b>411</b>	<b>13.1</b>	<b>12.5</b>
<i>Behind-the-Meter (BTM)</i>	0	0	0.0	0.0
<i>Ground-Mounted</i>	505	411	13.1	12.5
<b>Hydro</b>	<b>55</b>	<b>44</b>	<b>1.4</b>	<b>1.3</b>
<i>Impounding Hydro</i>	0	0	0.0	0.0
<i>Pumped Hydro</i>	0	0	0.0	0.0
<i>Run-of-River (ROR)</i>	55	44	1.4	1.3
<b>Wind</b>	<b>90</b>	<b>75</b>	<b>2.3</b>	<b>2.3</b>
<i>Onshore Wind</i>	90	75	2.3	2.3
<i>Off-shore Wind (OSW)</i>	0	0	0.0	0.0
<b>TOTAL</b>	<b>3,860</b>	<b>3,296</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>129</b>	<b>122</b>		
<i>Battery ESS</i>	129	122		
<i>Hybrid ESS</i>	0	0		

VISAYAS ROOFTOP INSTALLED SOLAR PVs (FOR OWN-USE)	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Solar</b>	<b>30</b>	<b>25</b>	<b>100.0</b>	<b>100.0</b>
<i>Rooftop Installed Solar PVs</i>	30	25	100.0	100.0

TYPE OF CONNECTION	VISAYAS			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Grid Connected</b>	<b>3,726</b>	<b>3,178</b>	<b>96.5</b>	<b>96.4</b>
<b>Embedded</b>	<b>134</b>	<b>119</b>	<b>3.5</b>	<b>3.6</b>
<b>TOTAL</b>	<b>3,860</b>	<b>3,296</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>129</b>	<b>122</b>		
<i>Battery ESS</i>	129	122		
<i>Hybrid ESS</i>	0	0		



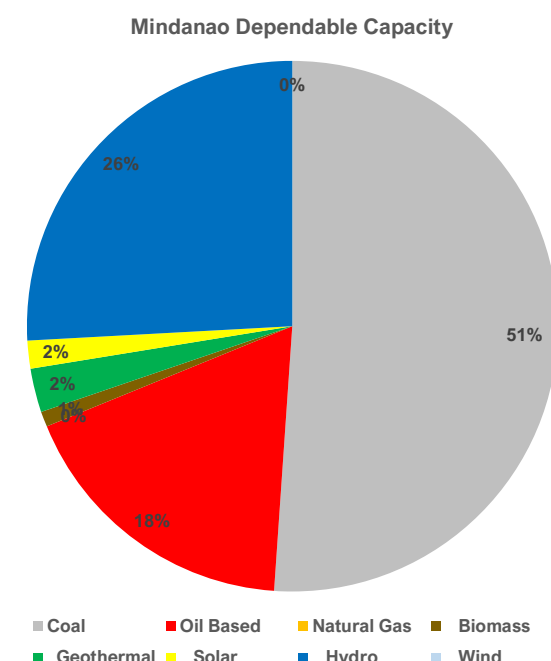
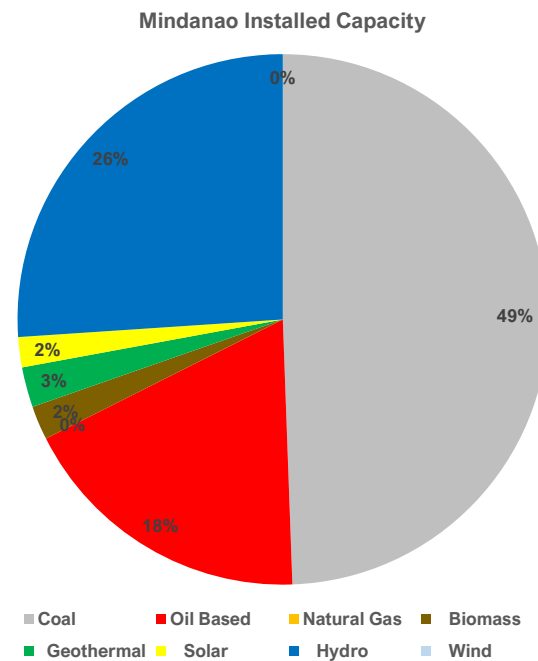


**CAPACITY MIX, MW**  
Installed and Dependable Capacity

FUEL TYPE	MINDANAO			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Coal</b>	<b>2,268</b>	<b>2,041</b>	<b>49.4</b>	<b>51.1</b>
<b>Oil Based</b>	<b>833</b>	<b>708</b>	<b>18.2</b>	<b>17.7</b>
<i>Diesel</i>	833	708	18.2	17.7
<i>Oil Thermal</i>	0	0	0.0	0.0
<i>Gas Turbine</i>	0	0	0.0	0.0
<b>Natural Gas</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>
<b>Renewable Energy</b>	<b>1,487</b>	<b>1,245</b>	<b>32.4</b>	<b>31.2</b>
<i>Biomass</i>	95	37	2.1	0.9
<i>Biomass</i>	95	37	2.1	0.9
<i>Waste to Energy (WTE)</i>	0	0	0.0	0.0
<i>Geothermal</i>	112	106	2.4	2.7
<i>Solar</i>	84	68	1.8	1.7
<i>Behind-the-Meter (BTM)</i>	0	0	0.0	0.0
<i>Ground-Mounted</i>	84	68	1.8	1.7
<i>Hydro</i>	1,196	1,033	26.1	25.9
<i>Impounding Hydro</i>	747	619	16.3	15.5
<i>Pumped Hydro</i>	0	0	0.0	0.0
<i>Run-of-River (ROR)</i>	450	414	9.8	10.4
<i>Wind</i>	0	0	0.0	0.0
<i>Onshore Wind</i>	0	0	0.0	0.0
<i>Off-shore Wind (OSW)</i>	0	0	0.0	0.0
<b>TOTAL</b>	<b>4,588</b>	<b>3,994</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>119</b>	<b>116</b>		
<i>Battery ESS</i>	70	67		
<i>Hybrid ESS</i>	49	49		

MINDANAO ROOFTOP INSTALLED SOLAR PVs (FOR OWN-USE)	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Solar</b>	<b>4</b>	<b>3</b>	<b>100.0</b>	<b>100.0</b>
<i>Rooftop Installed Solar PVs</i>	4	3	100.0	100.0

TYPE OF CONNECTION	MINDANAO			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Grid Connected</b>	<b>3,763</b>	<b>3,291</b>	<b>82.0</b>	<b>82.4</b>
<b>Embedded</b>	<b>825</b>	<b>703</b>	<b>18.0</b>	<b>17.6</b>
<b>TOTAL</b>	<b>4,588</b>	<b>3,994</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>119</b>	<b>116</b>		
<i>Battery ESS</i>	70	67		
<i>Hybrid ESS</i>	49	49		





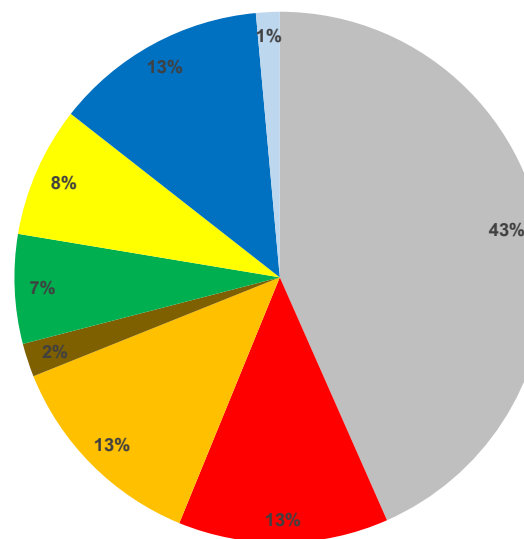
**CAPACITY MIX, MW**  
Installed and Dependable Capacity

FUEL TYPE	PHILIPPINES			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Coal</b>	<b>12,706</b>	<b>11,599</b>	<b>43.4</b>	<b>45.4</b>
<b>Oil Based</b>	<b>3,748</b>	<b>2,806</b>	<b>12.8</b>	<b>11.0</b>
<i>Diesel</i>	2,320	1,951	7.9	7.6
<i>Oil Thermal</i>	661	316	2.3	1.2
<i>Gas Turbine</i>	767	540	2.6	2.1
<b>Natural Gas</b>	<b>3,732</b>	<b>3,281</b>	<b>12.7</b>	<b>12.8</b>
<b>Renewable Energy</b>	<b>9,098</b>	<b>7,852</b>	<b>31.1</b>	<b>30.7</b>
<i><b>Biomass</b></i>	<b>595</b>	<b>378</b>	<b>2.0</b>	<b>1.5</b>
<i>Biomass</i>	587	374	2.0	1.5
<i>Waste to Energy (WTE)</i>	8	3	0.0	0.0
<i><b>Geothermal</b></i>	<b>1,952</b>	<b>1,708</b>	<b>6.7</b>	<b>6.7</b>
<i><b>Solar</b></i>	<b>2,323</b>	<b>1,854</b>	<b>7.9</b>	<b>7.3</b>
<i>Behind-the-Meter (BTM)</i>	46	44	0.2	0.2
<i>Ground-Mounted</i>	2,277	1,810	7.8	7.1
<i><b>Hydro</b></i>	<b>3,801</b>	<b>3,500</b>	<b>13.0</b>	<b>13.7</b>
<i>Impounding Hydro</i>	2,164	1,985	7.4	7.8
<i>Pumped Hydro</i>	736	720	2.5	2.8
<i>Run-of-River (ROR)</i>	900	795	3.1	3.1
<i><b>Wind</b></i>	<b>427</b>	<b>412</b>	<b>1.5</b>	<b>1.6</b>
<i>Onshore Wind</i>	427	412	1.5	1.6
<i>Off-shore Wind (OSW)</i>	0	0	0.0	0.0
<b>TOTAL</b>	<b>29,284</b>	<b>25,538</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>611</b>	<b>579</b>		
<i>Battery ESS</i>	562	530		
<i>Hybrid (Diesel-Battery System)</i>	49	49		

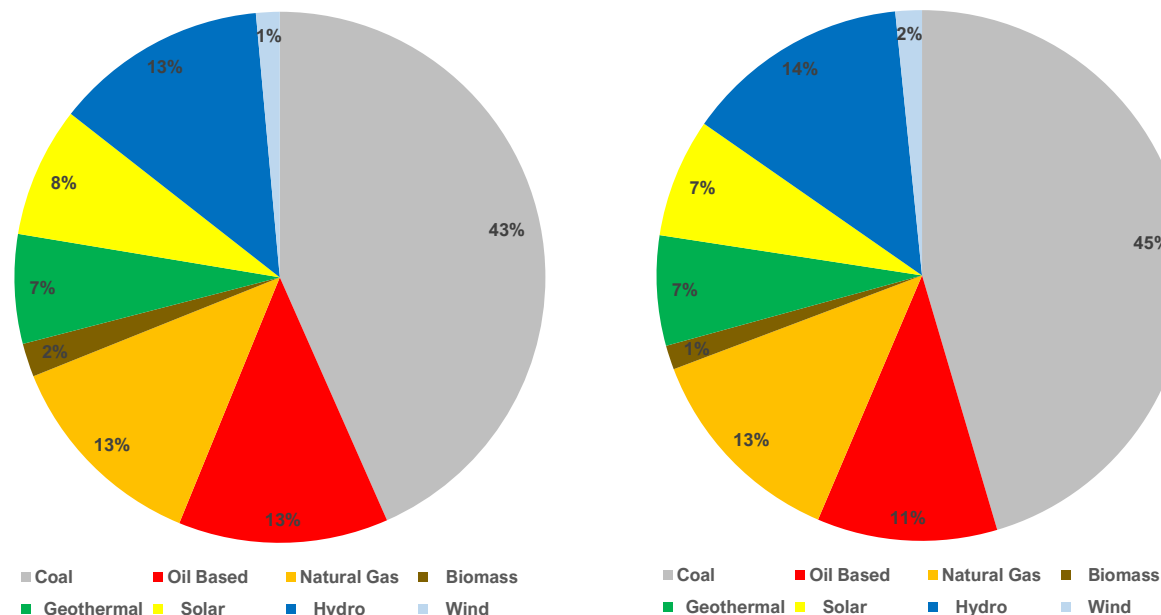
PHILIPPINES ROOFTOP INSTALLED SOLAR PVs (FOR OWN-USE)	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Solar</b>	<b>115</b>	<b>96</b>	<b>100.0</b>	<b>100.0</b>
<i>Rooftop Installed Solar PVs</i>	115	96	100.0	100.0

TYPE OF CONNECTION	PHILIPPINES			
	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
<b>Grid Connected</b>	<b>27,317</b>	<b>24,014</b>	<b>93.3</b>	<b>94.0</b>
<b>Embedded</b>	<b>1,967</b>	<b>1,524</b>	<b>6.7</b>	<b>6.0</b>
<b>TOTAL</b>	<b>29,284</b>	<b>25,538</b>	<b>100.0</b>	<b>100.0</b>
<b>Energy Storage System (ESS)</b>	<b>611</b>	<b>579</b>		
<i>Battery ESS</i>	562	530		
<i>Hybrid ESS</i>	49	49		

Philippines - Installed Capacity



Philippines - Dependable Capacity





**CAPACITY MIX, MW**  
Installed and Dependable Capacity

**Note:**

*Excluding off-grid generators*

*Released as of 28 October 2024*

*Installed Capacity - nameplate capacity; full-load continuous gross capacity of a unit under specified conditions, as calculated from the electric generator nameplate based on the rated power factor.*

*Dependable Capacity - maximum capacity when modified for ambient limitations for a specified period of time, such as a month or a season.*

*Installed and Dependable Capacity values may be updated as necessary.*

*For Solar Power Plants: Installed Capacity are MWP or MWDC values while Dependable Capacity are MWAC values*

GRID	Capacity (MW)		Percent Share (%)	
	Installed	Dependable	Installed	Dependable
LUZON	20,836	18,248	71.2	71.5
VISAYAS	3,860	3,296	13.2	12.9
MINDANAO	4,588	3,994	15.7	15.6
<b>TOTAL</b>	<b>29,284</b>	<b>25,538</b>	<b>100.0</b>	<b>100.0</b>