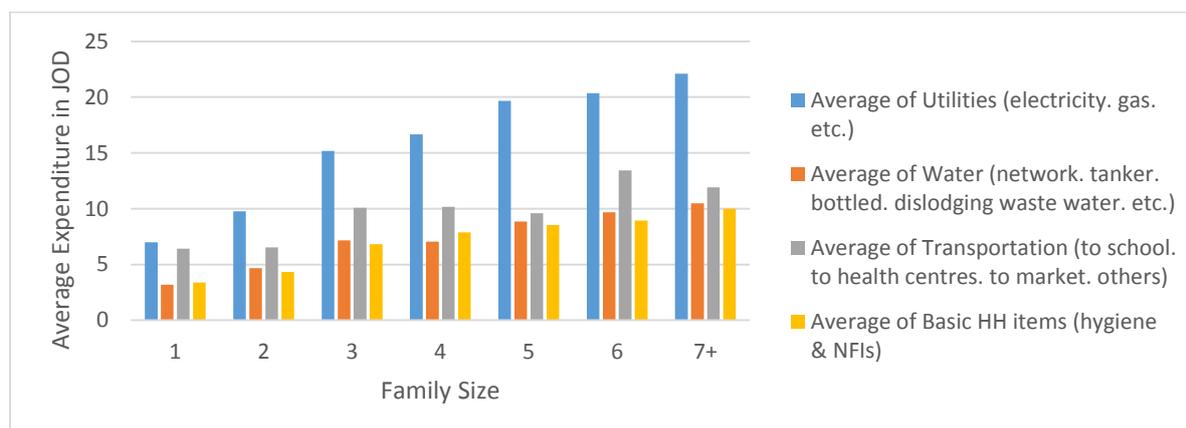


## MEB Calculation Guidance Note 2016 – Basic Needs

As decided by the Basic Needs Sector, MEB calculations Basic Needs components, combined with Shelter components. This includes: utilities, WASH and protection (transportation), along with shelter data points as described below.

Utilities, WASH and Transportation data are drawn from the VAF October Baseline Assessment 2015 taking the average reported expenditure figure by family size).



Family Size	Average of Utilities (electricity, gas, etc.)	Average of Water (network, tanker, bottled, dislodging waste water, etc.)	Average of Transportation (to school, to health centres, to market, others)	Average of Basic HH items (hygiene & NFIs)
1	7.00	3.19	6.42	3.40
2	9.78	4.66	6.54	4.34
3	15.17	7.16	10.09	6.82
4	16.67	7.05	10.18	7.89
5	19.66	8.86	9.59	8.55
6	20.35	9.69	13.43	8.95
7+	22.10	10.48	11.90	9.99
<b>Grand Total</b>	<b>15.82</b>	<b>7.30</b>	<b>9.73</b>	<b>7.14</b>

### Shelter:

Members of the Shelter working group recommended that the Shelter MEB and Rental Estimates be revised. According to sector partners the 2015 MEB failed to take in to account that smaller family sizes (family size 1 and 2) were increasingly vulnerable due to a lack of economies of scale that exist with larger families.

For family size 1, 108 JD is the average rental expenditure according to the Vulnerability Assessment Framework (VAF) which suggests that for a smaller family size it rent can still be expensive and with larger family sizes it decrease based on economies of scale and cost sharing. The 2015 Shelter calculation was compiled from the extraction of VAF data, average rent by family size and geographic area (governorate) to determine the rental amounts. In comparison to the 2015 Shelter MEB, the Shelter Sector identified a need for analysis on additional variables within the VAF, not just the VAF baseline. Additional variables included:

cost sharing with individuals or family members inside or outside of the case unit, and number of persons per room (adequate space).

Statistical analysis was undertaken for the 2016 Shelter MEB guidance note based on a full VAF data extraction of 80,572 cases across multiple governorates, varying in family size (case size), number of rooms (excluding kitchen and WASH facilities), number of family members in the house (same file number or on another file) and rental amount. The rent analysis excluded the following criteria prior to calculating averages:

- 1- Rent below 50 and above 500
- 2- Number of rooms above 9
- 3- Number of people/number of rooms >4

Examples of cases below emphasize the correlation between additional family members in the house and shared rental expenditure and number of rooms' representing overcrowding.

Family Size (Case)	Governorate	#f rooms excluding kitchen & WASH facilities	# family members in the house (same case or multiple cases)	Rent
5	Irbid	4	30	250
7+	Mafraq	2	17	230
4	Ma'an	3	9	150
1	Amman	4	7	300

#### MEB 2016 informed by VAF Shelter data analysis results:

Average of Rent	Family Size							Grand Total
Governorate	1	2	3	4	5	6	7+	
Ajloun	92	88	95	94	105	102	123	<b>108</b>
Amman	124	148	156	168	170	173	197	<b>173</b>
Aqaba	101	137	130	144	148	145	172	<b>148</b>
Balqa	85	102	115	125	126	127	151	<b>131</b>
Irbid	93	115	122	133	139	144	168	<b>148</b>
Jarash	96	102	103	112	116	120	140	<b>124</b>
Karak	84	89	101	110	108	111	116	<b>109</b>
Maan	83	102	103	108	110	113	121	<b>111</b>
Madaba	86	109	117	127	131	131	144	<b>131</b>
Mafraq	87	110	119	131	135	141	158	<b>139</b>
Tafleh	78	83	95	91	100	91	102	<b>94</b>
Zarqa	86	104	109	115	118	121	139	<b>123</b>
<b>Grand Total</b>	<b>108</b>	<b>127</b>	<b>133</b>	<b>143</b>	<b>145</b>	<b>148</b>	<b>169</b>	<b>150</b>

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