

# Caerphilly County Borough Council 2nd Replacement Local Development Plan 2020 - 2035

## EB3A – Functional Analysis of Settlements in Caerphilly County Borough: Sustainability Analysis Tables

January 2025

Table 1 - Locational Scoring Matrix by Settlement

Settlement	Masterplan Area	Train Station	Bus Station / Node	Employment Centre	Local Centre	Principal Centre	Score
Abertridwr	CBMA	Cycle 20	4.8km	3.2km	5.2km	Cycle 20	<b>8</b>
Bedwas	CBMA	Cycle 20	Cycle 20	Settlement	Settlement	Cycle 20	<b>33</b>
Caerphilly	CBMA	Settlement	Settlement	Settlement	Cycle 20	Settlement	<b>51</b>
Draethen	CBMA	6.5km	6.5km	4km	4.7km	6.5km	<b>2</b>
Graig-y-Rhacca	CBMA	Cycle 20	Cycle 20	Walk 10	Walk 10	Cycle 20	<b>27</b>
Llanbradach	CBMA	Settlement	Cycle 20	Cycle 10	Cycle 20	Cycle 20	<b>25</b>
Machen	CBMA	5.7km	5.7km	Cycle 20	Cycle 20	5.7km	<b>6</b>
Rudry	CBMA	Cycle 20	Cycle 20	Cycle 10	Cycle 10	Cycle 20	<b>17</b>
Senghenydd	CBMA	4.5km	6.1km	4.3km	6.0km	6.1km	<b>2</b>
Trethomas	CBMA	Cycle 20	Cycle 20	Walk 5	Walk 5	Cycle 20	<b>29</b>
Waterloo	CBMA	4.5km	4.5km	Cycle 20	Cycle 20	4.5km	<b>9</b>
Aberbargoed	HoVMA	Cycle 10	Cycle 10	Settlement	7.8km	Cycle 10	<b>24</b>
Abertyswg	HoVMA	Cycle 10	Cycle 20	Cycle 10	Cycle 10	Cycle 20	<b>18</b>
Argoed	HoVMA	Cycle 20	Cycle 20	Cycle 20	4.1km	Cycle 20	<b>12</b>
Bargoed	HoVMA	Settlement	Settlement	Walk 15	9.1km	Settlement	<b>44</b>

Deri	HoVMA	Cycle 20	Cycle 20	Cycle 20	6.2km	Cycle 20	<b>12</b>
Fochriw	HoVMA	Cycle 20	Cycle 20	Cycle 20	Cycle 20	7.5km	<b>12</b>
Gilfach	HoVMA	Walk 10	Cycle 10	Cycle 10	5.5km	Cycle 10	<b>21</b>
Markham	HoVMA	Cycle 10	Cycle 10	Cycle 10	6.7km	Cycle 10	<b>16</b>
New Tredegar	HoVMA	Walk 5	Cycle 20	Cycle 20	4.9km	Cycle 20	<b>20</b>
Pontlottyn	HoVMA	Cycle 10	Cycle 10	Cycle 10	Cycle 10	7.4km	<b>16</b>
Rhymney	HoVMA	Settlement	Settlement	Settlement	Settlement	9.1km	<b>48</b>
Abercarn	LESVMA	Cycle 20	Cycle 20	Settlement	Cycle 20	5.4km	<b>21</b>
Brynawel	LESVMA	Cycle 20	6.3km	Walk 10	6.3km	Cycle 20	<b>15</b>
Crosskeys	LESVMA	Settlement	5.1km	Walk 10	5.1km	Cycle 20	<b>24</b>
Cwmcarn	LESVMA	Walk 20	Cycle 20	Walk 15	Cycle 20	Cycle 20	<b>25</b>
Cwmfelinfach	LESVMA	Cycle 20	4.2km	Walk 10	5.6km	4.2km	<b>14</b>
Newbridge	LESVMA	Settlement	Settlement	Walk 5	Settlement	Cycle 20	<b>49</b>
Pantside	LESVMA	Walk 15	Walk 15	Walk 15	Walk 15	3.9km	<b>33</b>
Pentwynmawr	LESVMA	Cycle 10	Cycle 10	Walk 10	Cycle 10	Cycle 20	<b>24</b>
Pontywaun	LESVMA	Walk 15	Cycle 20	Cycle 10	Cycle 20	Cycle 20	<b>21</b>
Risca/Pontymister	LESVMA	Settlement	7.4km	Settlement	7.4km	Settlement	<b>36</b>
Ty Sign	LESVMA	Walk 5	7.4km	Walk 20	7.4km	Walk 10	<b>25</b>
Wattsville	LESVMA	Cycle 10	6.5km	Walk 5	6.5km	Cycle 20	<b>17</b>
Wyllie	LESVMA	3.5km	Cycle 20	Walk 20	Cycle 20	Cycle 20	<b>16</b>
Ynysddu	LESVMA	4.8km	4km	Walk 20	5.4km	4.8km	<b>16</b>
Blackwood	MVMA	Cycle 20	Settlement	Walk 15	Cycle 20	Settlement	<b>38</b>
Cefn Fforest	MVMA	Cycle 20	Cycle 10	Cycle 10	4.5km	Cycle 10	<b>16</b>
Croespenmaen	MVMA	Cycle 20	Cycle 20	Settlement	Cycle 20	Cycle 20	<b>22</b>
Crumlin	MVMA	Cycle 10	Cycle 10	Cycle 10	Cycle 10	3.8km	<b>17</b>
Fleur-de-Lis	MVMA	Walk 15	Cycle 20	Cycle 5	4.5km	Cycle 20	<b>20</b>
Maesycwmmmer	MVMA	Walk 10	Cycle 20	Cycle 20	Cycle 20	Cycle 20	<b>21</b>
Oakdale	MVMA	Cycle 20	Cycle 20	Settlement	Cycle 20	Cycle 20	<b>22</b>
Pengam	MVMA	Walk 15	Cycle 10	Walk 5	4.8km	Cycle 20	<b>25</b>
Pontllanfraith	MVMA	Cycle 20	Cycle 20	Settlement	Cycle 20	Cycle 10	<b>23</b>
Trinant	MVMA	Cycle 20	Cycle 20	Walk 15	Cycle 20	Cycle 20	<b>20</b>
Cefn Hengoed	YMMA	Walk 20	Cycle 20	Walk 10	Cycle 20	Walk 20	<b>29</b>
Gelligaer	YMMA	Cycle 10	Cycle 20	Walk 5	Cycle 20	Cycle 20	<b>23</b>

Glan-y-Nant	YMMA	Settlement	Cycle 20	Walk 10	4.2km	Cycle 20	<b>28</b>
Hengoed	YMMA	Settlement	Cycle 20	Walk 20	Cycle 20	Walk 20	<b>32</b>
Nelson	YMMA	Cycle 20	Settlement	Settlement	Settlement	Cycle 20	<b>42</b>
Penpedairheol	YMMA	Cycle 20	Cycle 20	Cycle 10	Cycle 20	Cycle 20	<b>17</b>
Penybryn	YMMA	Cycle 10	Cycle 20	Walk 10	Cycle 20	Cycle 10	<b>23</b>
Tir-y-Berth	YMMA	Walk 15	Cycle 20	Settlement	4.0km	Cycle 20	<b>27</b>
Ystrad Mynach	YMMA	Settlement	Cycle 20	Settlement	Cycle 20	Settlement	<b>42</b>

**Table 2: 2021 Annual Retail Survey Outputs**

<b>Centre</b>	<b>Total Units</b>	<b>A1</b>	<b>A2</b>	<b>A3</b>	<b>Sui Generis</b>	<b>Other</b>	<b>Vacant</b>	<b>Vacancy Rate</b>
Bargoed	174	52	12	22	15	10	36	24.5%
Blackwood	212	92	31	33	16	12	28	13.2%
Caerphilly	233	95	33	40	22	20	23	9.9%
Newbridge	75	34	9	14	6	3	9	12.0%
Risca	105	40	12	21	14	5	13	12.4%
Ystrad Mynach	89	42	12	14	11	7	3	3.4%
Blackwood Gate RP	5	4	0	1	0	0	0	0.0%
Castle View	15	6	0	8	0	1	0	0.0%
Gallagher RP	22	13	0	4	0	3	3	13.6%

**Table 3: 2020 Employment Land Survey**

<b>Site Name</b>	<b>EM2 Area (Ha)</b>	<b>EM1 Area (HA)</b>	<b>Total Area (Ha)</b>	<b>Total Number of Units</b>
Land at New Tredegar	1.3		1.3	18
Heads of the Valleys, Rhymney	14.3	5.2	19.5	23
Capital Valley, Rhymney	14.8		14.8	22
Maerdy, Rhymney	12.5		12.5	6
Angel Lane, Aberbargoed	3.1		3.1	24
Bowen, Aberbargoed	11		11.0	95
Dwr Cymru Welsh Water Offices, Nelson	3.6		3.6	2
Tredomen Park, Ystrad Mynach	7.2		7.2	58

Ty Du, Nelson		18.8	18.8	
Plateau 1, Oakdale		30.2	30.2	
Plateau 2, Oakdale	13	7.0	20.0	14
Plateau 3, Oakdale		3.4	3.4	
Plateau 4, Oakdale		4.3	4.3	
Penyfan, Croespenmaen	73		73.0	88
North Celynen (south), Newbridge	9.1		9.1	1
Hawtin Park, Gellihaf	29.8	13.3	43.1	10
Dyffryn Business Park, Ystrad Mynach	29.4	11.2	40.6	90
North Celynen (north), Newbridge	4.2		4.2	1
Croespenmaen	6.5		6.5	2
Britannia, Pengam	2.9		2.9	63
St. David's, Pengam	5.2		5.2	48
New Road, Tiryberth (Tiryberth Ind Est)	7.1		7.1	12
Penallta, Hengoed	23.9	1.6	25.5	55
Newbridge Road, Pontllanfraith	12.8		12.8	33
Tram Road, Pontllanfraith	2.5		2.5	8
Switchgear, Pontllanfraith (Blackwood Business Park)	10.1		10.1	7
Penmaen Industrial Estate	6		6.0	72
Woodfieldside, Pontllanfraith	1.9		1.9	25
Pantglas, Bedwas	31.8		31.8	75
Caerphilly Business Park	11.5	3.6	15.1	178
Prince of Wales, Abercarn	23.3		23.3	62
Nine Mile Point, Cwmfelinfach	15.7		15.7	18
Blackvein, Wattsville	7.4		7.4	8
Newtown, Crosskeys	8.3		8.3	13
Park Road, Risca	0.7		0.7	6
Rogerstone Park, Pontymister	12.4		12.4	2
Bedwas House, Bedwas	29.9		29.9	171
Pontygyndy Road, Caerphilly	16.8		16.8	98
Trecenydd, Caerphilly	8	2.2	10.2	35
Western, Caerphilly	15.4	1.1	16.5	61

Table 4: Train and Bus Services by Settlement

Settlement	Number of Bus Services	Primary Bus Destinations	Bus Frequency 15 mins or less (Services)	Bus Frequency 16 to 30 Minutes (Services)	Bus Frequency 31 to 45 Minutes (Services)	Bus Frequency 46 minute to 1 Hour (Services)	Bus Frequency More than 1 Hour (Services)	Train Frequency (Per Hour)
Abertridwr	3	Caerphilly, Senghenydd, Cardiff		B			X (1 per Day), E	
Bedwas	3	Caerphilly, Newport, Bargoed		A, 50		50A	H	
Caerphilly	18	Graig-y-Rhacca, Senghenydd, Penyrheol, Machen, Ystrad Mynach, Blackwood, Newport, Cardiff, Pontypridd		A, B, C, 50		D, E, F, G, K, C9, C16, C17, 26, 50A, 86X	H, J, L	4
Draethen	1	Caerphilly					J	
Graig-y-Rhacca	2	Caerphilly		A			H	
Llanbradach	5	Ystrad Mynach, Caerphilly, Cardiff, Newport		50		C9, C16, C17, X38		4
Machen	2	Caerphilly, Newport		50			J	
Rudry	1	Caerphilly					J	

Senghenydd	3	Caerphilly, Senghenydd, Cardiff		B			X (1 per Day), E	
Trethomas	2	Caerphilly		A			H	
Waterloo	1	Caerphilly					J	
Aberbargoed	3	Bargoed, Rhymney, Blackwood		12		2, 27		
Abertysswg	3	Rhymney, Tredegar, Merthyr				4A/4C, 3		
Argoed	2	Blackwood, Bargoed				C9, 27		
Bargoed	10	Blackwood, Rhymney, Ystrad Mynach, Merthyr, Newport		14, 50, C9		1, 2, 3, 27, C17, C18, X38		3
Brithdir	1	Bargoed, Rhymney, Merthyr				3		2
Deri	1	Bargoed, Rhymney, Merthyr				1		
Fochriw	1	Bargoed, Rhymney, Merthyr				1		
Gilfach	5	Blackwood, Bargoed, Tredegar, Newport		50, 14		C9, X38, C17		
Llechryd	2	Tredegar, Rhymney				4A/4C		

Markham	2	Merthyr, Bargoed, Blackwood				27, 56		
New Tredegar	3	Merthyr, Tredegar, Bargoed, Rhymney		12		2, 3		
Pontlottyn	5	Merthyr, Tredegar, Bargoed				4A/4C, 1, 2, 3		2
Princetown	2	Tredegar, Rhymney				4A/4C		
Rhymney	5	Blackwood, Bargoed, Tredegar, Newport				4A/4C, 1, 2, 3		2
Tirphil	2	Bargoed, Rhymney, Merthyr				2, 3		2
Abercarn	2	Crumlin, Blackwood, Risca, Newbridge Newport	151			N2		
Brynawel	1	Blackwood, Newport, Risca				56		
Crosskeys	3	Tredegar, Newport, Blackwood, Risca, Newbridge	151			56, X15		1
Cwmcarn	1	Blackwood, Risca,	151					

		Newbridge Newport						
Cwmfelinfach	1	Blackwood, Newport, Risca				56		
Newbridge	5	Blackwood, Risca, Newport, Cwmbran, Brynmawr Abertillery	151			N2, 21, 52, X15		1
Pantside	1	Blackwood, Newbridge				5		
Pentwynmawr	3	Blackwood, Newbridge, Newport	151			21, 52		
Pontywaun	2	Blackwood, Newbridge, Newport	151			X15		
Risca/Pontymister	5	Newport, Blackwood, Newbridge, Brynmawr	151	R1		56, R2, X15		1
Ty Sign	2	Risca, Newport		R1		R2		
Wattsville	1	Blackwood, Newport, Risca				56		
Wyllie	1	Blackwood				6		
Ynysddu	1	Blackwood, Newport, Risca				56		
Blackwood	18	Newbridge, Pontypridd,	151	9, 12, 14,		5, 5A, 6, 7, 8, (3 per	11, 13 (1 per day	



		Hengoed, Bargoed, Rhymney, Caerphilly, Risca, Newbridge, Ystrad Mynach, Newport, Cardiff, Tredegar, Cwmbran.				day) 21, 26, 27, 52, 56, 900, 901	Tuesday & Friday Only)	
Cefn Fforest	3	Bargoed, Blackwood, New Tredegar		12, 14		8		
Crumlin	5	Blackwood, Risca, Newbridge, Newport, Brynmawr				5, 21, 52, X15, N2		
Fleur-de-Lis	1	Blackwood, Bargoed.		14				
Maesycwmmmer	4	Blackwood, Ystrad Mynach, Nelson, Caerphilly, Cardiff, Pontypridd				7, 26, 901	11	
Oakdale	2	Blackwood, Newbridge, Crumlin.				5, 5A		

Pengam	1	Blackwood, Bargoed,		14				3
Pontllanfraith	10	Newbridge, Pontypridd, Hengoed, Bargoed, Rhymney, Caerphilly, Risca, Newbridge, Ystrad Mynach, Newport, Cardiff, Tredegar	151	9		5, 6, 26, 52, 56, 70, 901	11	
Trinant	1	Newbridge, Abertillery				52		
Cefn Hengoed	2	Blackwood, Caerphilly, Bargoed				C9	11	
Gelligaer	4	Bargoed, Nelson, Ystrad Mynach, Pontypridd				C16, C17, X38	11	
Glan-y-Nant	5	Blackwood, Bargoed, Tredegar, Newport		50, 14		C9, X38, C17		
Hengoed	2	Blackwood, Bargoed, Ystrad Mynach,				C9	11	3

		Caerphilly, Newport						
Nelson	5	Ystrad Mynach, Pontypridd, Merthyr, Blackwood				7, C16, X38	C1 (2 per day, Friday Only), S79 (6 per day) (Sunday Only)	
Penpedairheol	4	Bargoed, Ystrad Mynach, Nelson, Caerphilly, Blackwood, Pontypridd,				7, C17, C9	11	
Penybryn	1	Bargoed, Ystrad Mynach, Caerphilly.				C17		
Tir-y-Berth	2	Blackwood, Bargoed, Ystrad Mynach, Caerphilly, Newport		14, 50				
Ystrad Mynach	8	Blackwood, Bargoed, Nelson, Caerphilly, Pontypridd, Cardiff		50		C9, C16, C17, 7, 26, 50A, 901	11	4

Table 5: Services and Facilities by Settlement

Settlement	Masterplan Area	Retail Units	GP Surgery	Pharmacy	Library	Community Centre	Leisure Centre	Primary School	Secondary School	Welsh Medium Primary	Welsh Medium Secondary	Rail Station	Bus Station / Interchange
Abertridwr	CBMA	27	1	1	1	1		2		1			
Bedwas	CBMA	30	1	1	1		1	2	1				
Caerphilly	CBMA	233	3	7	1	3	2	8	2	2	1	3	1
Graig-y-Rhacca	CBMA					1		1					
Llanbradach	CBMA	26	2	1	1	1		2				1	
Machen	CBMA	7	1	1	1	1		1					
Rudry	CBMA					1		1					
Senghenydd	CBMA	13	1	1		1		1					
Trethomas	CBMA	27	1	1				1					
Aberbargoed	HoVMA	27		2	1			1		1			
Abertysswg	HoVMA					1		1	1				
Argoed	HoVMA					1							
Bargoed	HoVMA	174	2	3	1	1	1	2	1	1		1	1
Deri	HoVMA		1		1	1		1					
Fochriw	HoVMA					1		1					
Gilfach	HoVMA	18						1				1	
Markham	HoVMA		1	1		1		1					
New Tredegar	HoVMA	22	1	1	1	2	1	2				2	
Pontlottyn	HoVMA	21		1								1	
Rhymney	HoVMA	34	2	2	1	2		2		1		1	
Abercarn	LESVMA	20	1	1	1			1		1			
Crosskeys	LESVMA	19						1				1	
Cwmcarn	LESVMA	25		1				1					

Cwmfelinfach	LESVMA	20	1	1		1		1					
Newbridge	LESVMA	75	1	2	1		1	2	1			1	1
Pentwynmawr	LESVMA					1		1					
Risca/Pontymister	LESVMA	105	2	3	1	1	1	2	1			1	
Ty Sign	LESVMA	7						1					
Ynysddu	LESVMA							1					
Blackwood	MVMA	212		2	1	1		2	1				1
Cefn Fforest	MVMA	23	1	1		1	1	1					
Crumlin	MVMA	27	1	1				1					
Fleur-de-Lis	MVMA	25	1	1		1		1			1		
Maesycwmer	MVMA	10				1		1					
Oakdale	MVMA	13	1	1	1	1		1	1	1			
Pengam	MVMA				1			1	1	1			
									(Boys)				
Pontllanfrith	MVMA	47	2	1			1	3					
Trinant	MVMA							1					
Cefn Hengoed	YMMA					1		1					
Gelligaer	YMMA	9	1	1		1		2					
Glan-y-Nant	YMMA	6				1						1	
Hengoed	YMMA					1		1		1		1	
Nelson	YMMA	41	1	1	1	1		2					1
Penpedairheol	YMMA	8				1							
Penybryn	YMMA					1							
Tir-y-Berth	YMMA					1		1					
Ystrad Mynach	YMMA	89	2	2	1		1	1 (& 1 Special)	1	1		1	
									(Girls)				