

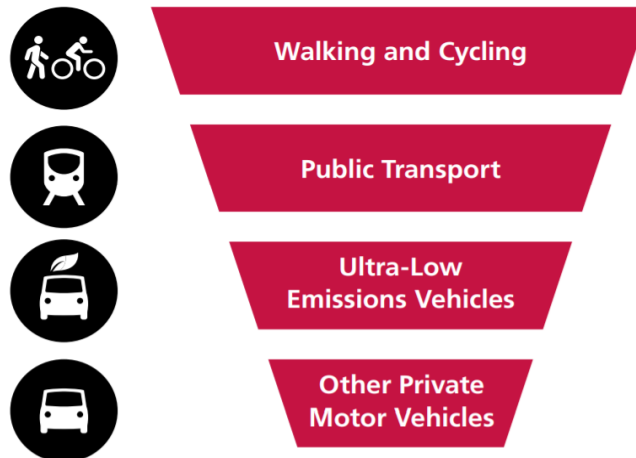


Hywel Dda Site Selection – Transport Journey Time Analysis

Five Sites

Wales Transport Strategy

- *The sustainable transport hierarchy in line with the Wales Transport Strategy 2021, Active Travel Wales Act 2013 and Planning Policy Wales, has been considered for assessing the accessibility from various mode of transport for Site 7.*
- *Accessible – meets relevant policy and regulatory standards on equality, access, human rights and Welsh Language.*
- *Sustainable – a transport system that meets the needs of the present whilst protecting the ability of future generations to meet their own needs.*
- *Efficient – a transport system that gets people where they want to go, when they want to go there, making best use of resources*

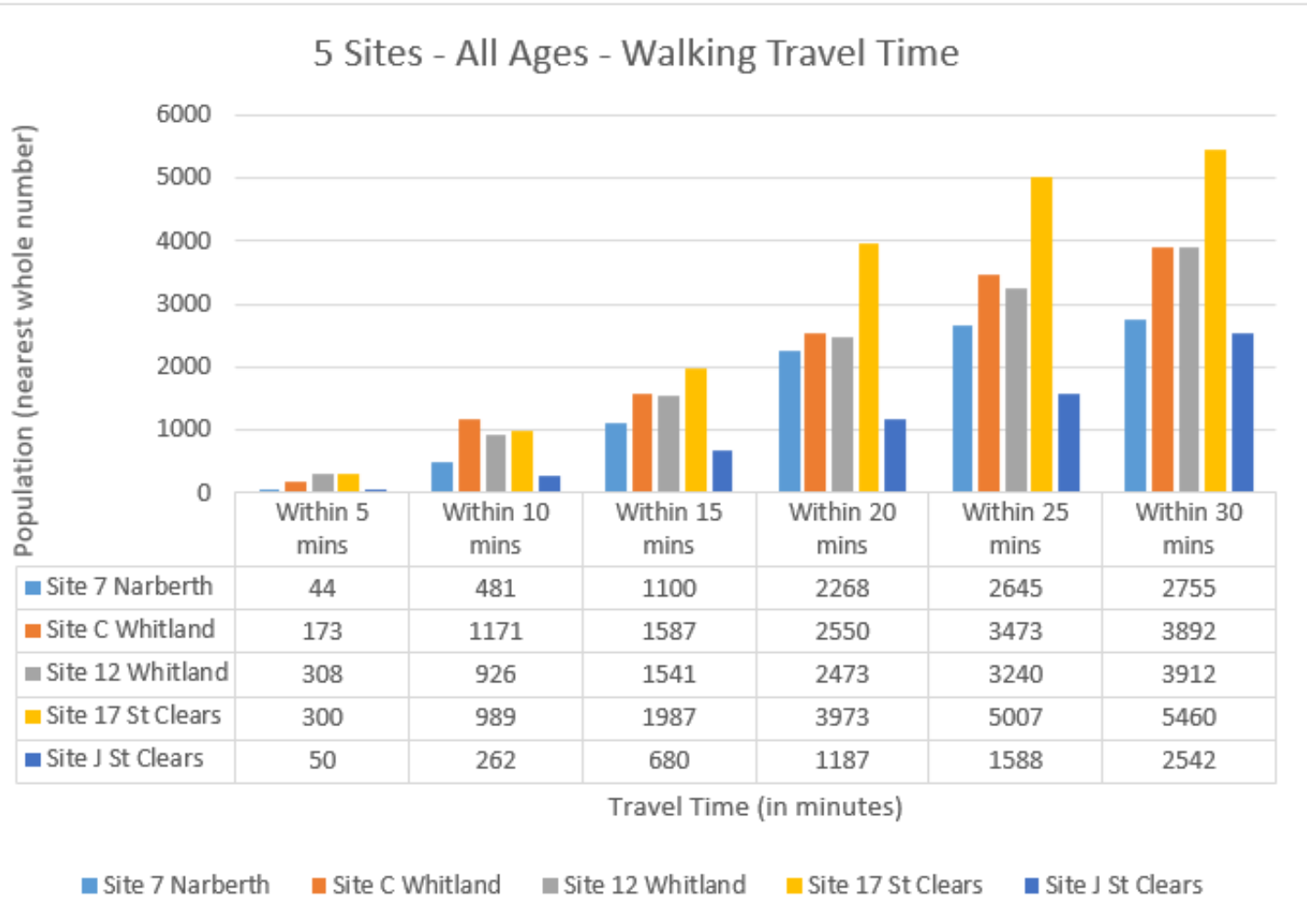


Comparison of Travel Time for Walking –



Site 7, Site C, Site 12, Site 17, Site J (cumulative values)

- The walking speed of 4.8kmph has been assigned as default in TRACC. Data supplied by Transport for Wales.
- The Active Travel Act Guidance recommends that facilities should be within 20 minutes' walking distance
- The Chartered Institution of Highways & Transportation's (CIHT) recommended walking distance has historically been 0.4km or 400m



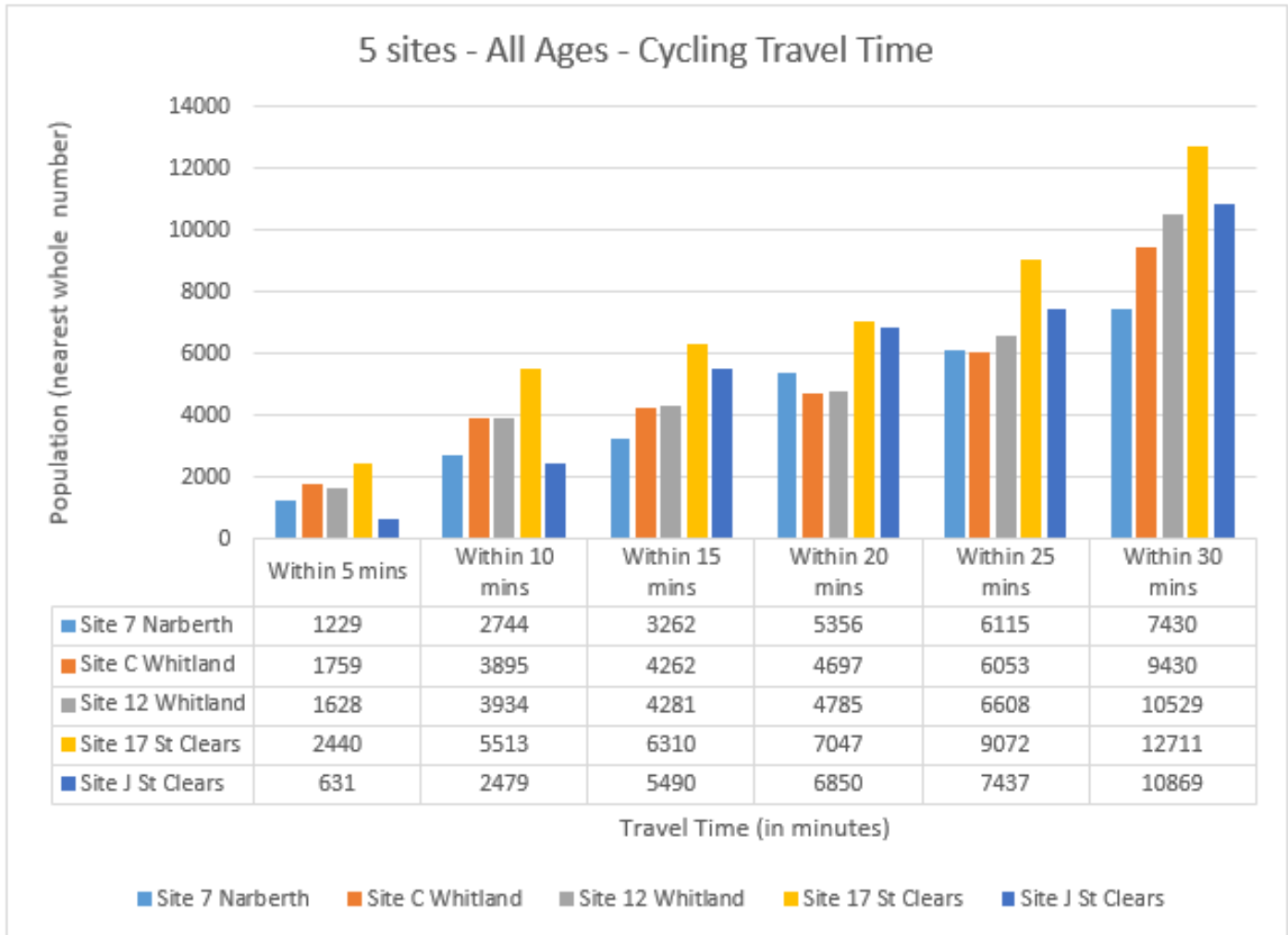
Comparison of Travel Time for Cycling –



Site 7, Site C, Site 12, Site 17, Site J (cumulative values)

- The cycling speed of 16kmph has been assigned as default in TRACC and 4.8kmph along the footpath.

Data supplied by Transport for Wales.



Comparison of Travel Time for Public Transport – AM Peak (8am-9am) Site 7, Site C, Site 12, Site 17, Site J



(cumulative values) Data supplied by Transport for Wales.

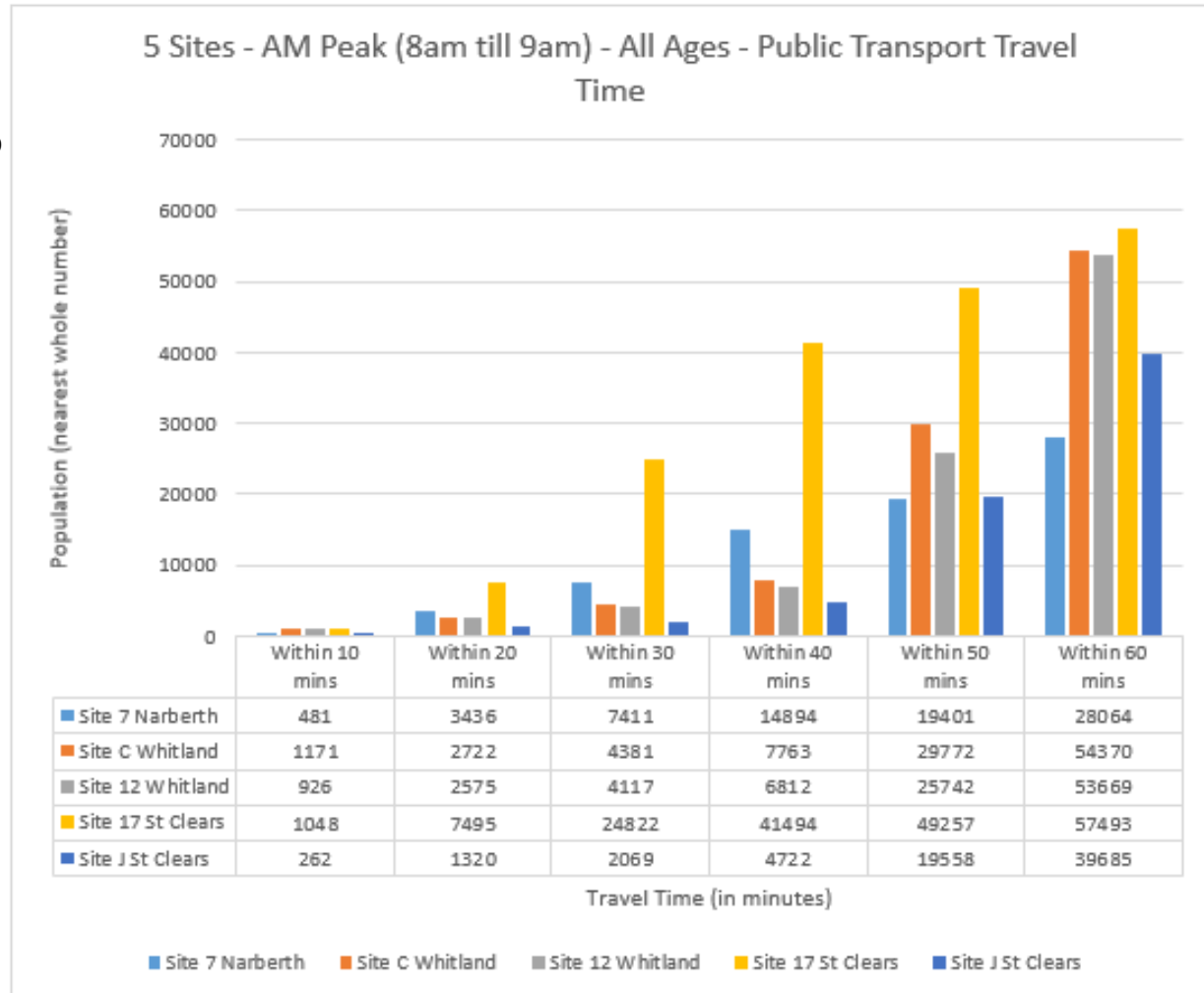
Times include walking to nearest existing bus stop/station from home.

New hospital site will have bus stops on site but not included in this data.

TfW Commitments

- New Station at St Clears
- Enhanced rail frequency
- Enhanced bus frequency and accessibility

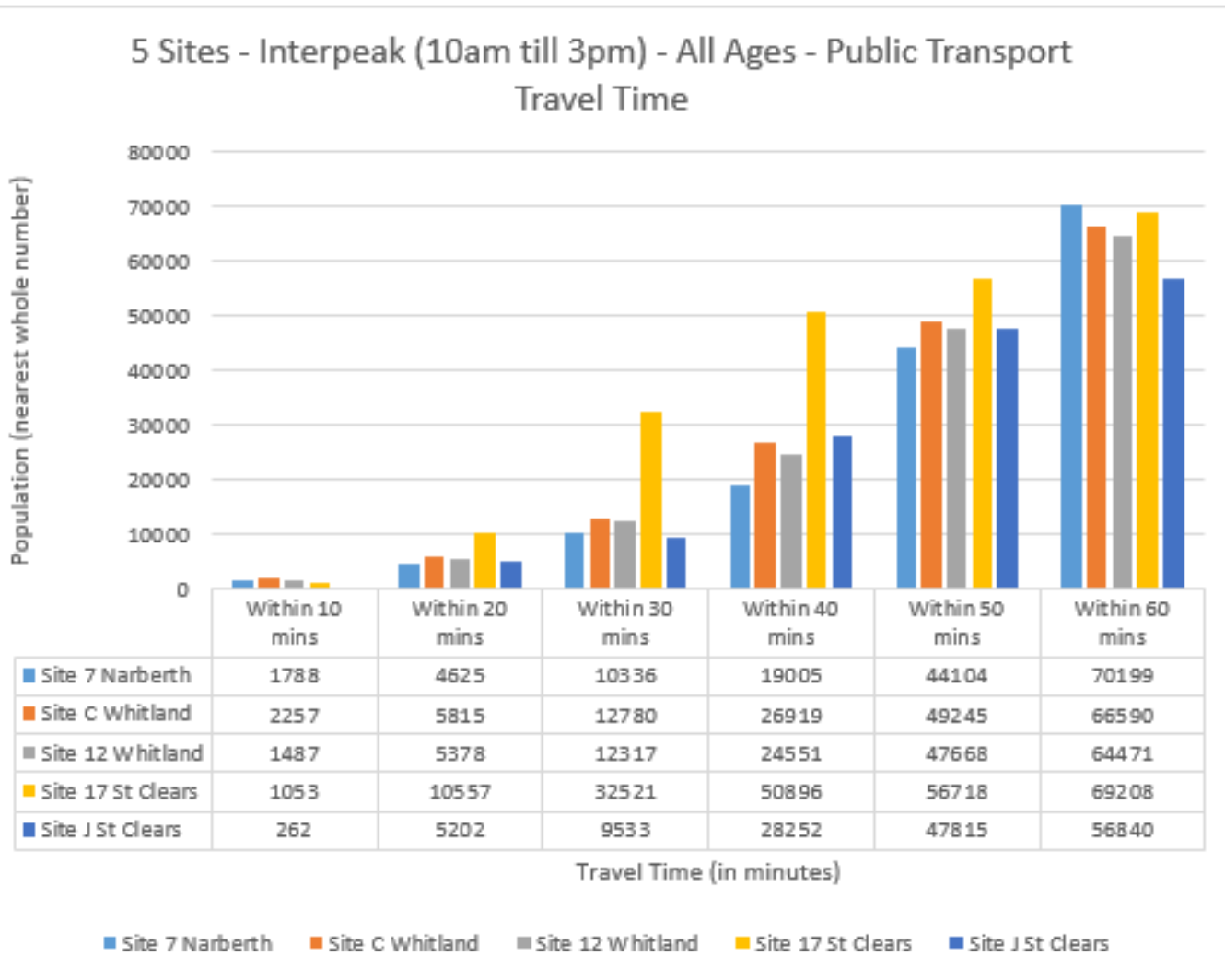
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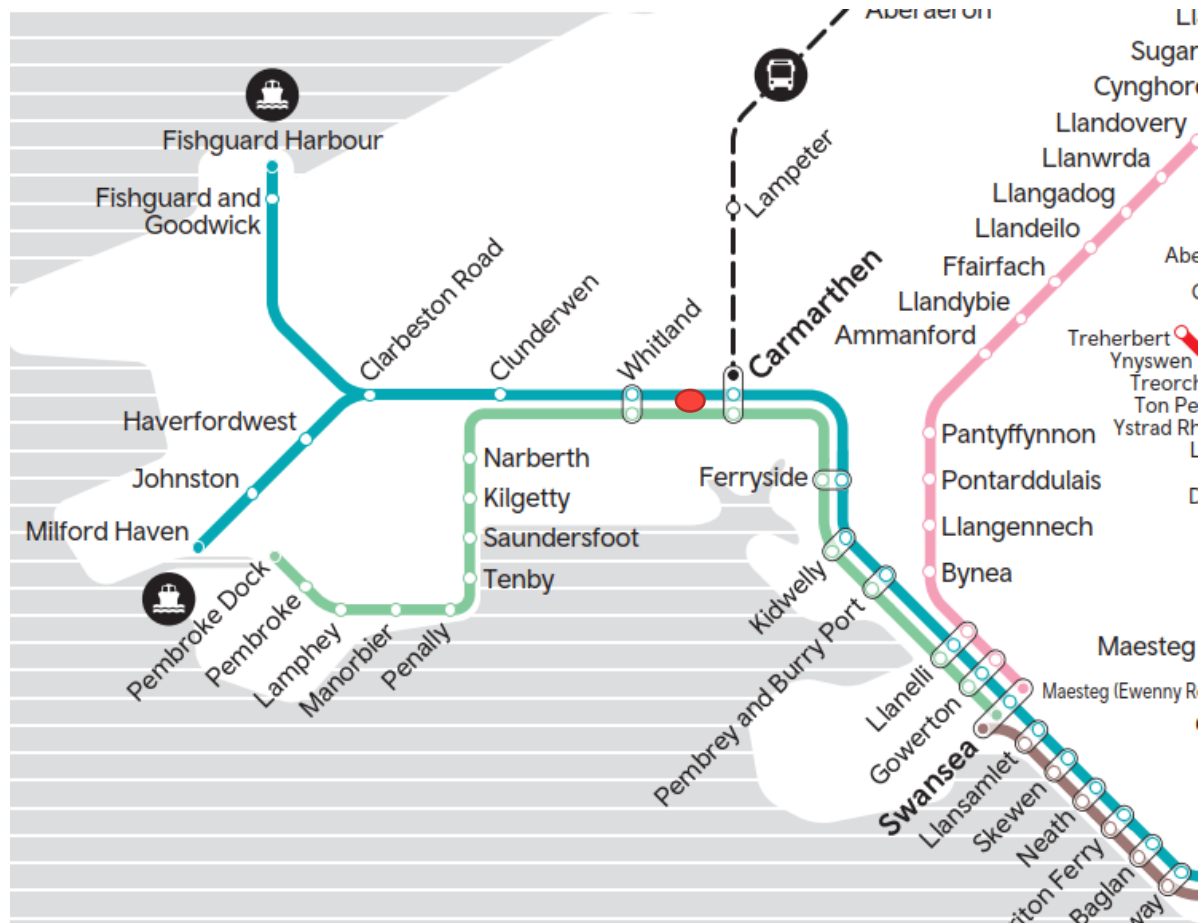
Comparison of Travel Time for Public Transport – Inter Peak (10am-3pm) Site 7, Site C, Site 12, Site



Site J (cumulative values) Data supplied by Transport for Wales.



TfW Rail Network

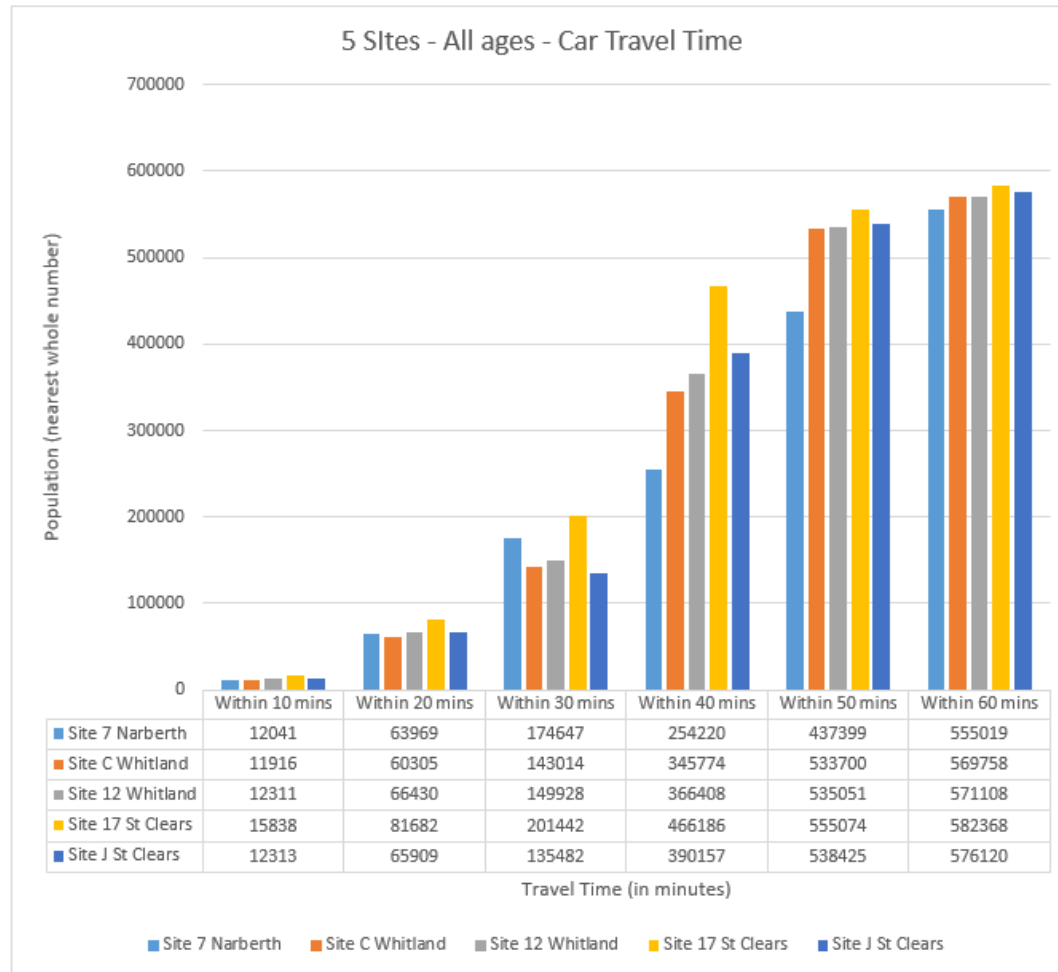


Comparison of Travel Time for Private Car –



Site 7, Site C, Site 12, Site 17, Site J (cumulative values)

- The car network speed has been assigned as default in TRACC from 30kmph to 100kmph based on type of the road.
Data supplied by Transport for Wales.



Car travel time by Settlement – GGH & Narberth (Site 7)

- The drive time to the existing Glangwili General Hospital (GGH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital (minutes)	Narberth	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Llanelli	45,551	GGH (ex. PPH)	37	59	22
Carmarthen	16,260	GGH	8	34	26
Ammanford	8,610	GGH (ex. PPH)	30	56	26
Cross Hands	6,465	GGH (ex. PPH)	18	44	26
Burry Port	6,061	GGH (ex. PPH)	31	53	22
Glanamman	4,487	GGH (ex. PPH)	36	62	26
Tumble	4,333	GGH (ex. PPH)	21	47	26
Llangennech	4,313	GGH (ex. PPH)	28	54	26
Tycroes	3,775	GGH (ex. PPH)	26	53	27
Lampeter	2,861	GGH	38	68	30
Llandybie	2,853	GGH (ex. PPH)	28	53	25
Kidwelly	2,844	GGH	21	45	24
Brynamman	2,634	GGH (ex. PPH)	45	72	27
St Clears	2,223	GGH	16	20	4
Pembrey	2,007	GGH (ex. PPH)	27	48	21
Llandovery	1,987	GGH	37	66	29
Newcastle Emlyn	1,914	GGH	29	44	15
Llandeilo	1,749	GGH	22	51	29
Pontyberem	1,693	GGH (ex. PPH)	21	45	24
Whitland	1,641	GGH	24	13	-11
Trimsaran	1,573	GGH (ex. PPH)	28	48	20
Pontyates	1,529	GGH (ex. PPH)	20	43	23
Llandysul	1,459	GGH	28	59	31
Pwll	1,348	GGH (ex. PPH)	35	55	20
Waungilwen	1,329	GGH	29	50	21
Llanybyther	1,235	GGH	28	59	31
Aberporth	1,167	GGH	48	48	0
Penybanc	1,115	GGH	20	51	31
Carway	1,091	GGH (ex. PPH)	23	45	22
Pencader	1,086	GGH	18	48	30
St Dogmaels	1,075	GGH	50	40	-10
TOTAL POP.	138,268	Population Drivetime Variance			23

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Glangwili General Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 23 minutes.

Car travel time by Settlement – PPH & Narberth (Site 7)

- The drive time to the existing Prince Philip Hospital (PPH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital	Narberth	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Llanelli	45,551	PPH	8	59	51
Ammanford	8,610	PPH	24	56	32
Cross Hands	6,465	PPH	19	44	25
Burry Port	6,061	PPH	19	53	34
Glanamman	4,487	PPH	30	62	32
Tumble	4,333	PPH	17	47	30
Llangennech	4,313	PPH	9	54	45
Tycroes	3,775	PPH	20	53	33
Llandybie	2,853	PPH	26	53	27
Brynamman	2,634	PPH	40	72	32
Pembrey	2,007	PPH	23	48	25
Pontyberem	1,693	PPH	18	45	27
Trimsaran	1,573	PPH	17	48	31
Pontyates	1,529	PPH	18	43	25
Pwll	1,348	PPH	13	55	42
Carway	1,091	PPH	19	45	26
TOTAL POP.	98,323	Population Drivetime Variance			32

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Prince Philip Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 32 minutes.

Car travel time by Settlement – WGH & Narberth (Site 7)

- The drive time to the existing Withybush General Hospital (WGH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital	Narberth	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Haverfordwest	15,388	WGH	6	20	14
Milford Haven	14,337	WGH	22	32	10
Pembroke Dock	9,747	WGH	26	27	1
Pembroke	8,171	WGH	28	25	-3
Tenby	4,260	WGH	35	21	-14
Cardigan	4,250	WGH	41	39	-2
Neyland	3,758	WGH	22	31	9
Fishguard	3,480	WGH	22	49	27
Saundersfoot	2,707	WGH	32	17	-15
Narberth	2,622	WGH	19	1	-18
Johnston	2,230	WGH	12	24	12
Goodwick	1,862	WGH	22	36	14
St Davids	1,390	WGH	28	41	13
Pentlepoir	1,305	WGH	29	12	-17
Letterston	1,283	WGH	23	28	5
Kilgetty	1,261	WGH	29	12	-17
TOTAL POP.	78,051	Population Drivetime Variance		4	

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Withybush General Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 4 minutes.

Car travel time by Settlement - GGH & Whitland

(Site C & Site 12)

- The drive time to the existing Glangwili General Hospital (GGH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital (minutes)	Whitland	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Llanelli	45,551	GGH (ex. PPH)	37	49	12
Carmarthen	16,260	GGH	8	23	15
Ammanford	8,610	GGH (ex. PPH)	30	48	18
Cross Hands	6,465	GGH (ex. PPH)	18	35	17
Burry Port	6,061	GGH (ex. PPH)	31	44	13
Glanamman	4,487	GGH (ex. PPH)	36	53	17
Tumble	4,333	GGH (ex. PPH)	21	38	17
Llangennech	4,313	GGH (ex. PPH)	28	46	18
Tycoes	3,775	GGH (ex. PPH)	26	42	16
Lampeter	2,861	GGH	38	58	20
Llandybie	2,853	GGH (ex. PPH)	28	43	15
Kidwelly	2,844	GGH	21	35	14
Brynamman	2,634	GGH (ex. PPH)	45	62	17
St Clears	2,223	GGH	16	10	-6
Pembrey	2,007	GGH (ex. PPH)	27	38	11
Llandovery	1,987	GGH	37	56	19
Newcastle Emlyn	1,914	GGH	29	35	6
Llandeilo	1,749	GGH	22	40	18
Pontyberem	1,693	GGH (ex. PPH)	21	36	15
Whitland	1,641	GGH	24	1	-23
Trimsaran	1,573	GGH (ex. PPH)	28	38	10
Pontyates	1,529	GGH (ex. PPH)	20	33	13
Llandysul	1,459	GGH	28	48	20
Pwll	1,348	GGH (ex. PPH)	35	46	11
Waungilwen	1,329	GGH	29	39	10
Llanybyther	1,235	GGH	28	49	21
Aberporth	1,167	GGH	48	50	2
Penybanc	1,115	GGH	20	40	20
Carway	1,091	GGH (ex. PPH)	23	35	12
Pencader	1,086	GGH	18	38	20
St Dogmaels	1,075	GGH	50	42	-8
TOTAL POP.	138,268	Population Drivetime Variance		13	

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Glangwili General Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 13 minutes.

Car travel time by Settlement – PPH & Whitland

(Site C & Site 12)

- The drive time to the existing Prince Philip Hospital (PPH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital	Whitland	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Llanelli	45,551	PPH	8	49	41
Ammanford	8,610	PPH	24	48	24
Cross Hands	6,465	PPH	19	35	16
Burry Port	6,061	PPH	19	44	25
Glanamman	4,487	PPH	30	53	23
Tumble	4,333	PPH	17	38	21
Llangennech	4,313	PPH	9	46	37
Tycoes	3,775	PPH	20	42	22
Llandybie	2,853	PPH	26	43	17
Brynamman	2,634	PPH	40	62	22
Pembrey	2,007	PPH	23	38	15
Pontyberem	1,693	PPH	18	36	18
Trimsaran	1,573	PPH	17	38	21
Pontyates	1,529	PPH	18	33	15
Pwll	1,348	PPH	13	46	33
Carway	1,091	PPH	19	35	16
TOTAL POP.	98,323	Population Drivetime Variance			31

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Prince Philip Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 31 minutes.

Car travel time by Settlement – WGH & Whitland

(Site C & Site 12)

- The drive time to the existing Withybush General Hospital and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital	Whitland	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Haverfordwest	15,388	WGH	6	29	23
Milford Haven	14,337	WGH	22	40	18
Pembroke Dock	9,747	WGH	26	37	11
Pembroke	8,171	WGH	28	33	5
Tenby	4,260	WGH	35	27	-8
Cardigan	4,250	WGH	41	42	1
Neyland	3,758	WGH	22	40	18
Fishguard	3,480	WGH	22	43	21
Saundersfoot	2,707	WGH	32	22	-10
Narberth	2,622	WGH	19	12	-7
Johnston	2,230	WGH	12	35	23
Goodwick	1,862	WGH	22	44	22
St Davids	1,390	WGH	28	50	22
Pentlepoir	1,305	WGH	29	17	-12
Letterston	1,283	WGH	23	36	13
Kilgetty	1,261	WGH	29	17	-12
TOTAL POP.	78,051	Population Drivetime Variance			12

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Withybush General Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 12 minutes.

Car travel time by Settlement – GGH & St Clears

(Site 17 & Site J)

- The drive time to the existing Glangwili General Hospital (GGH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital (minutes)	St Clears	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Llanelli	45,551	GGH (ex. PPH)	37	42	5
Carmarthen	16,260	GGH	8	17	9
Ammanford	8,610	GGH (ex. PPH)	30	41	11
Cross Hands	6,465	GGH (ex. PPH)	18	28	10
Burry Port	6,061	GGH (ex. PPH)	31	37	6
Glanamman	4,487	GGH (ex. PPH)	36	48	12
Tumble	4,333	GGH (ex. PPH)	21	28	7
Llangennech	4,313	GGH (ex. PPH)	28	39	11
Tycores	3,775	GGH (ex. PPH)	26	37	11
Lampeter	2,861	GGH	38	51	13
Llandybie	2,853	GGH (ex. PPH)	28	37	9
Kidwelly	2,844	GGH	21	29	8
Brynamman	2,634	GGH (ex. PPH)	45	56	11
St Clears	2,223	GGH	16	3	-13
Pembrey	2,007	GGH (ex. PPH)	27	32	5
Llandovery	1,987	GGH	37	49	12
Newcastle Emlyn	1,914	GGH	29	33	4
Llandeilo	1,749	GGH	22	34	12
Pontyberem	1,693	GGH (ex. PPH)	21	28	7
Whitland	1,641	GGH	24	9	-15
Trimsaran	1,573	GGH (ex. PPH)	28	32	4
Pontyates	1,529	GGH (ex. PPH)	20	26	6
Llandysul	1,459	GGH	28	41	13
Pwll	1,348	GGH (ex. PPH)	35	38	3
Waungilwen	1,329	GGH	29	36	7
Llanybyther	1,235	GGH	28	42	14
Aberporth	1,167	GGH	48	49	1
Penybanc	1,115	GGH	20	32	12
Carway	1,091	GGH (ex. PPH)	23	29	6
Pencader	1,086	GGH	18	32	14
St Dogmaels	1,075	GGH	50	41	-9
TOTAL POP.	138,268	Population Drivetime Variance		7	

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Glangwili General Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 7 minutes.

Car travel time by Settlement – PPH & St Clears

(Site 17 & Site J)

- The drive time to the existing Prince Philip Hospital (PPH) and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital	St Clears	
				Drive time to new Site (minutes)	Drive time variance (minutes)
Llanelli	45,551	PPH	8	42	34
Ammanford	8,610	PPH	24	41	17
Cross Hands	6,465	PPH	19	28	9
Burry Port	6,061	PPH	19	37	18
Glanamman	4,487	PPH	30	48	18
Tumble	4,333	PPH	17	28	11
Llangennech	4,313	PPH	9	39	30
Tycroes	3,775	PPH	20	37	17
Llandybie	2,853	PPH	26	37	11
Brynamman	2,634	PPH	40	56	16
Pembrey	2,007	PPH	23	32	9
Pontyberem	1,693	PPH	18	28	10
Trimsaran	1,573	PPH	17	32	15
Pontyates	1,529	PPH	18	26	8
Pwll	1,348	PPH	13	38	25
Carway	1,091	PPH	19	29	10
TOTAL POP.	98,323	Population Drivetime Variance			24

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

- The population currently travelling to the existing Prince Philip Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 24 minutes.

Car travel time by Settlement – WGH & St Clears

(Site 17 & Site J)

- The drive time to the existing Withybush General Hospital and the proposed new hospital from the existing settlements and the additional travel time required to travel to new hospital are shown in the tables.

Settlement	population	Nearest existing Hospital	Drive time to nearest existing hospital	St Clears	
				Drive time to new Site (minutes)	Drive time variance (minutes)
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Milford Haven	14,337	WGH	22	44	22
Pembroke Dock	9,747	WGH	26	34	8
Pembroke	8,171	WGH	28	32	4
Tenby	4,260	WGH	35	26	-9
Cardigan	4,250	WGH	41	42	1
Neyland	3,758	WGH	22	38	16
Fishguard	3,480	WGH	22	50	28
Saundersfoot	2,707	WGH	32	21	-11
Narberth	2,622	WGH	19	19	0
Johnston	2,230	WGH	12	39	27
Goodwick	1,862	WGH	22	49	27
St Davids	1,390	WGH	28	55	27
Pentlepoir	1,305	WGH	29	17	-12
Letterston	1,283	WGH	23	42	19
Kilgetty	1,261	WGH	29	16	-13
TOTAL POP.	78,051	Population Drivetime Variance			14

Key:

-30+
-20 to -29
-10 to -19
-9 to 9
10 to 19
20 to 29
30+

17

- The population currently travelling to the existing Withybush General Hospital for emergency services which are likely to be relocated to the proposed new hospital in future, population drive time variance is 14 minutes.