



# Hospital services reconfiguration

## Analysis of impact on Seamless Home from Hospital service and patients

### SHFH service

The Seamless Home from Hospital service (SHFH) is run jointly by Calderdale Community Transport and AgeUK Calderdale and Kirklees. We provide an accessible journey home for elderly and vulnerable patients with support as soon as the patient arrives home, which may include turning on heating, making beds, making lunch or a hot drink, clearing out the fridge, doing some shopping, a Safe & Warm check etc. Our aim is to ensure that patients are safe and comfortable at home.

SHFH is funded by the Calderdale and Greater Huddersfield CCGs and we work across the Calderdale and Huddersfield NHS Trust area.

### Assumptions

Seamless Home from Hospital patients are recorded as either “Avoiding Admission” or “Discharges”. Patients avoiding admission will have arrived at A&E by ambulance, in most cases, or in a neighbour, friend or relative’s car. Patients are typically aged over 80, frail with low mobility, and the most common reason for attending A&E is a fall. We seldom collect a patient directly from A&E: most have gone to CDU or MAU and may have been kept in for one or two nights for observation and further tests.

I have assumed that all patients avoiding admission would in future be collected from CRH rather than HRI, and that discharges would be unaffected (see data table on p.4).

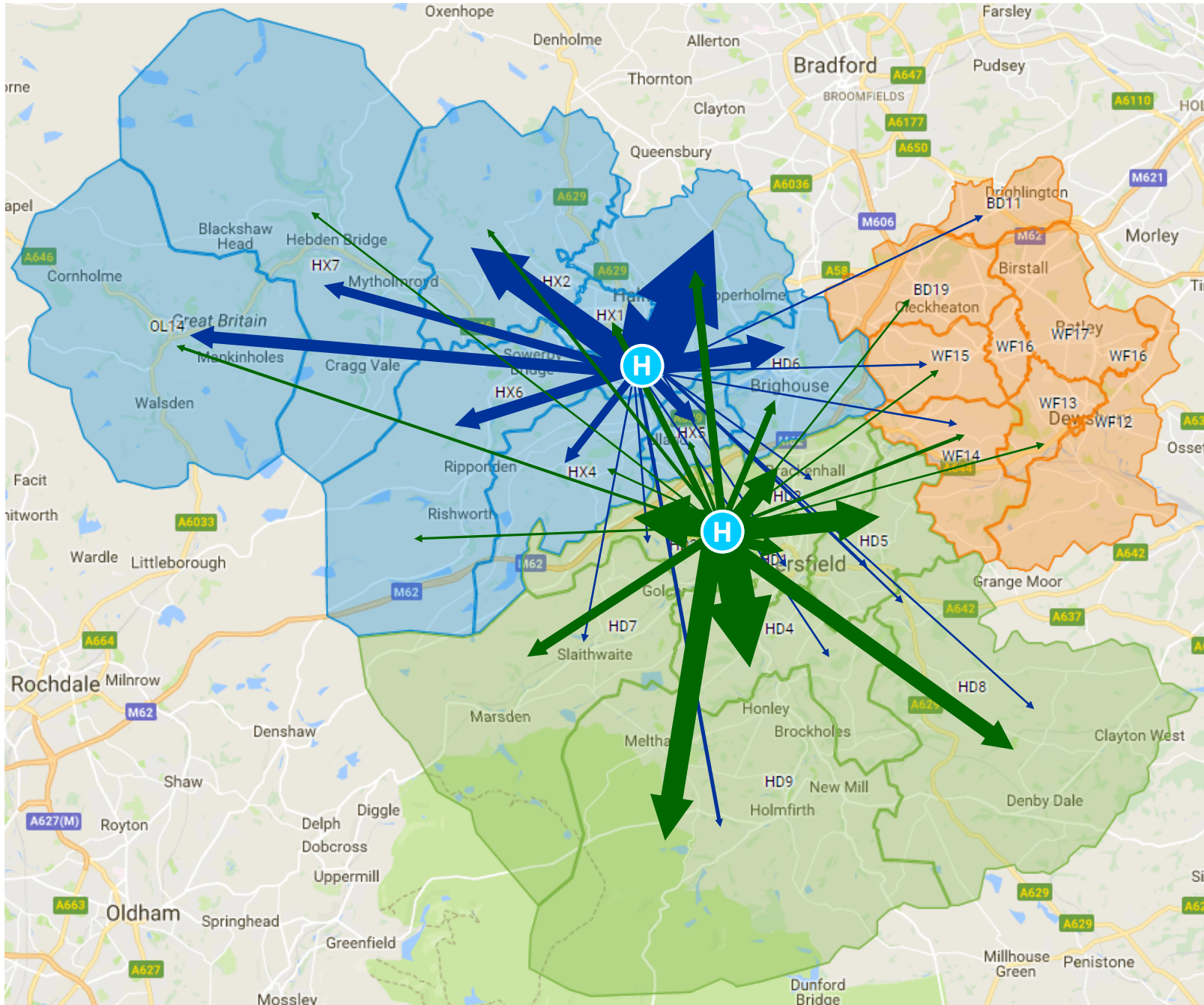
For the Baseline I have used data for the twelve months from November 2016 to October 2017. I have used the most recent dataset because we have seen a significant increase in the number of patients avoiding admission, from 24% of total patients in 2016 to 39% in 2017, and a corresponding drop in the number of discharges. We expect this trend to continue due to continuing pressure on beds and awareness of the benefits of avoiding admission for older people e.g. in avoiding deconditioning.

### Results

Please see maps pages 2-3 and data tables pages 4-5. Reconfiguration would not result in significantly increased travel times for SHFH patients. Having a single emergency site at CRH would increase the overall average travel time by 1.6 minutes. There would be no increase in the cost of the SHFH service due to hospital services reconfiguration.

# Seamless Home from Hospital

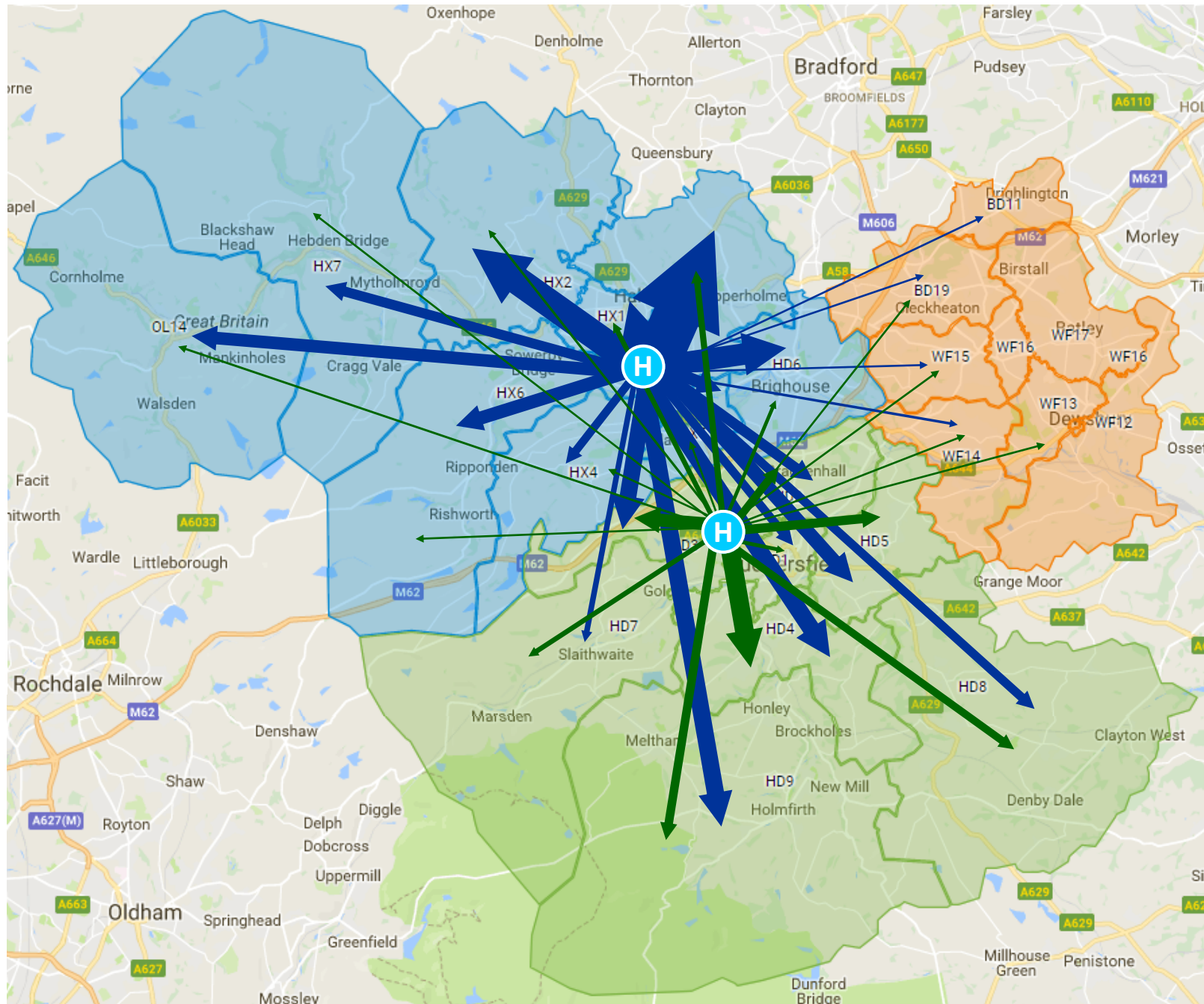
Baseline - Actual patient journeys from CRH and HRI Nov 2016 to Oct 2017



Number of patient journeys to postcode area indicated by thickness of line

# Seamless Home from Hospital

A single Emergency Site at CRH. Impact on patient journeys from CRH and HRI



Number of patient journeys to postcode area indicated by thickness of line

## Seamless Home from Hospital

### Data tables: No. of patient journeys

Baseline - Actual patient journeys from CRH and HRI Nov 2016 to Oct 2017

Postcode Area	HRI Admission Avoidance	CRH Admission Avoidance	HRI Discharges	CRH Discharges	Int care / other	Total
BD11	0	0	0	1	0	1
BD19	2	0	1	0	0	3
HD1	36	0	19	7	10	72
HD2	47	0	40	6	18	111
HD3	74	0	65	10	19	168
HD4	77	2	94	8	33	214
HD5	60	1	46	10	21	138
HD6	16	30	18	62	2	128
HD7	23	2	25	3	11	64
HD8	37	1	38	6	16	98
HD9	67	3	43	16	22	151
HX1	8	32	25	93	2	160
HX2	6	26	12	109	2	155
HX3	13	54	31	171	8	277
HX4	2	8	4	31	3	48
HX5	9	16	9	36	2	72
HX6	7	15	5	44	2	73
HX7	3	6	4	41	3	57
OL14	4	12	11	47	5	79
WF13	0	0	1	0	1	2
WF14	12	0	6	1	0	19
WF15	1	0	1	2	1	5
WF17	0	0	0	0	1	1
<b>Total</b>	<b>504</b>	<b>208</b>	<b>498</b>	<b>704</b>	<b>182</b>	<b>2096</b>

A single Emergency Site at CRH. Impact on patient journeys from CRH and HRI

Postcode Area	HRI Admission Avoidance	CRH Admission Avoidance	HRI Discharges	CRH Discharges	Int care / other	Total
BD11		0	0	1	0	1
BD19		2	1	0	0	3
HD1		36	19	7	10	72
HD2		47	40	6	18	111
HD3		74	65	10	19	168
HD4		79	94	8	33	214
HD5		61	46	10	21	138
HD6		46	18	62	2	128
HD7		25	25	3	11	64
HD8		38	38	6	16	98
HD9		70	43	16	22	151
HX1		40	25	93	2	160
HX2		32	12	109	2	155
HX3		67	31	171	8	277
HX4		10	4	31	3	48
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OL14		16	11	47	5	79
WF13		0	1	0	1	2
WF14		12	6	1	0	19
WF15		1	1	2	1	5
WF17		0	0	0	1	1
<b>Total</b>	<b>0</b>	<b>712</b>	<b>498</b>	<b>704</b>	<b>182</b>	<b>2096</b>

# Seamless Home from Hospital

## Data tables: Journey times

Average journey times (mins)

Postcode Area	HRI	CRH
BD11	40	35
BD19	30	25
HD1	10	20
HD2	15	20
HD3	10	15
HD4	20	30
HD5	20	25
HD6	15	15
HD7	20	30
HD8	35	45
HD9	30	40
HX1	20	10
HX2	25	15
HX3	25	15
HX4	15	15
HX5	10	10
HX6	20	15
HX7	35	25
OL14	45	35
WF13	25	30
WF14	25	30
WF15	25	30
WF17	40	40

Baseline - Aggregate journey times (mins) & overall averages

Postcode Area	HRI Admission Avoidance	CRH Admission Avoidance	HRI Discharges	CRH Discharges	Total
BD11	0	0	0	35	35
BD19	60	0	30	0	90
HD1	360	0	190	140	690
HD2	705	0	600	120	1425
HD3	740	0	650	150	1540
HD4	1540	60	1880	240	3720
HD5	1200	25	920	250	2395
HD6	240	450	270	930	1890
HD7	460	60	500	90	1110
HD8	1295	45	1330	270	2940
HD9	2010	120	1290	640	4060
HX1	160	320	500	930	1910
HX2	150	390	300	1635	2475
HX3	325	810	775	2565	4475
HX4	30	120	60	465	675
HX5	90	160	90	360	700
HX6	140	225	100	660	1125
HX7	105	150	140	1025	1420
OL14	180	420	495	1645	2740
WF13	0	0	25	0	25
WF14	300	0	150	30	480
WF15	25	0	25	60	110
WF17	0	0	0	0	0
Total	10115	3355	10320	12240	36030
Journeys	504	208	498	704	1914
Average	20.1	16.1	20.7	17.4	18.8

A single Emergency Site at CRH  
Aggregate journey times & averages

Postcode Area	HRI Admission Avoidance	CRH Admission Avoidance	HRI Discharges	CRH Discharges	Total
BD11		0	0	35	35
BD19		50	30	0	80
HD1		720	190	140	1050
HD2		940	600	120	1660
HD3		1110	650	150	1910
HD4		2370	1880	240	4490
HD5		1525	920	250	2695
HD6		690	270	930	1890
HD7		750	500	90	1340
HD8		1710	1330	270	3310
HD9		2800	1290	640	4730
HX1		400	500	930	1830
HX2		480	300	1635	2415
HX3		1005	775	2565	4345
HX4		150	60	465	675
HX5		250	90	360	700
HX6		330	100	660	1090
HX7		225	140	1025	1390
OL14		560	495	1645	2700
WF13		0	25	0	25
WF14		360	150	30	540
WF15		30	25	60	115
WF17		0	0	0	0
Total	0	16455	10320	12240	39015
Journeys	0	712	498	704	1914
Average		23.1	20.7	17.4	20.4
Increase					1.6