

# Health and Adult Social Care Overview and Scrutiny Committee Supplementary Agenda No.1

**A meeting of the committee will be held on:**

**Date:** Tuesday, 16 October 2018

**Time:** 6.30pm

**Venue:** Meeting Room 9 - Level 3, Gun Wharf, Dock Road, Chatham  
ME4 4TR

**Membership:** Councillors Wildey (Chairman), Purdy (Vice-Chairman), Bhutia,  
Clarke, Craven, Fearn, Franklin, Freshwater, Howard, McDonald,  
Murray, Opara and Price

**Co-opted members without voting rights:**

Eunice Lyons-Backhouse (Healthwatch Medway CIC) and Shirley Griffiths  
(Medway Pensioners Forum)

## Agenda

### 7 Transforming Health and Care in East Kent

(Pages  
3 - 10)

This supplementary agenda provides the Committee with details of the impact that moving services to and from the William Harvey Hospital in Ashford and the Kent and Canterbury Hospital in Canterbury would have on travel times for Medway residents.

For further information please contact Jon Pitt, Democratic Services Officer on Telephone: 01634 332715 or Email: [democratic.services@medway.gov.uk](mailto:democratic.services@medway.gov.uk)

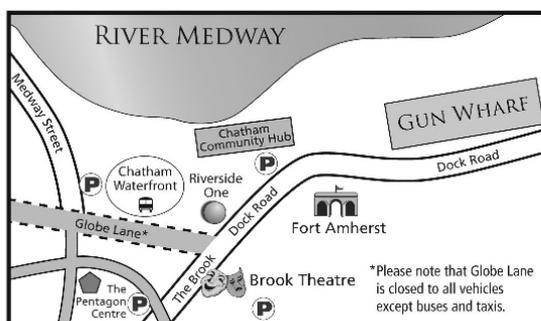
Date: 16 October 2018

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A summary of this information can be made available in other formats from **01634 333333**

If you have any questions about this meeting and you want to speak to someone in your own language please ring **01634 335577**

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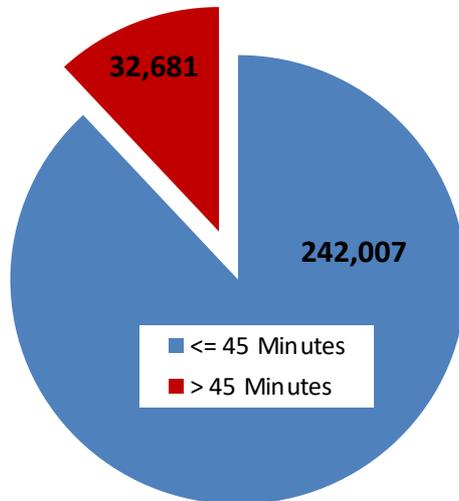
# Medway Population's Travel Times

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**A travel analysis into the impacts moving services to and from WHH and K&C would have on travel times in Medway.**

# Medway Population Off Peak Drive Travel Time: K&C Breakdown

Travel Time Under 45 Minutes



Travel Time 60 minutes and under



## Distance

The mean change from WHH to K&C is +1.1km and plus or minus two Standard Deviations (SD) is a range of +12km to -9.7km. There are two LSOAs which would have to travel an extra 12kms or above, both of these are in Strood North with an extra distance of 12.5km and 12.9km.

## Time

The mean change from WHH to K&C is +1.23 minutes and two SDs either way is a range of +11.2 mins to -8.7 mins. Only one LSOA has to travel additionally longer than 11.2 mins, the LSOA is in Cuxton and Halling and travels 12.88 minutes longer. Neither of the LSOA that significantly increased in distance have an increase in travel time.

# Medway Population Travel Time: WHH to K&C Breakdown – Top 10 Changes

| Ward Name                   | LSOA      | AM Peak Drive Change (Minutes) | Population Affected | All Activity 2016/17* |
|-----------------------------|-----------|--------------------------------|---------------------|-----------------------|
| Cuxton and Halling          | E01016026 | 12.88                          | 1,367               | 6                     |
| Cuxton and Halling          | E01016029 | 9.98                           | 1,683               | 11                    |
| Chatham Central             | E01016025 | 7.66                           | 1,686               | 7                     |
| Rochester East              | E01016117 | 7.65                           | 1,985               | 22                    |
| Rochester South and Horsted | E01016120 | 7.65                           | 1,404               | 7                     |
| Rochester South and Horsted | E01016122 | 7.65                           | 1,774               | 7                     |
| Chatham Central             | E01016020 | 7.65                           | 1,241               | 1                     |
| Chatham Central             | E01016021 | 7.65                           | 1,587               | 0                     |
| Chatham Central             | E01016022 | 7.65                           | 1,519               | 0                     |
| Rochester East              | E01016113 | 7.65                           | 1,471               | 12                    |

| Ward Name                   | LSOA      | Off Peak Drive Change (Minutes) | Population Affected | All Activity 2016/17* |
|-----------------------------|-----------|---------------------------------|---------------------|-----------------------|
| Cuxton and Halling          | E01016026 | 11.34                           | 1,367               | 6                     |
| Cuxton and Halling          | E01016029 | 8.59                            | 1,683               | 11                    |
| Chatham Central             | E01016020 | 7.04                            | 1,241               | 1                     |
| Chatham Central             | E01016021 | 7.04                            | 1,587               | 0                     |
| Chatham Central             | E01016022 | 7.04                            | 1,519               | 0                     |
| Chatham Central             | E01016025 | 7.04                            | 1,686               | 7                     |
| Rochester East              | E01016113 | 7.04                            | 1,471               | 12                    |
| Rochester East              | E01016114 | 7.04                            | 1,543               | 2                     |
| Rochester East              | E01016118 | 7.04                            | 1,662               | 9                     |
| Rochester South and Horsted | E01016119 | 7.04                            | 1,580               | 5                     |

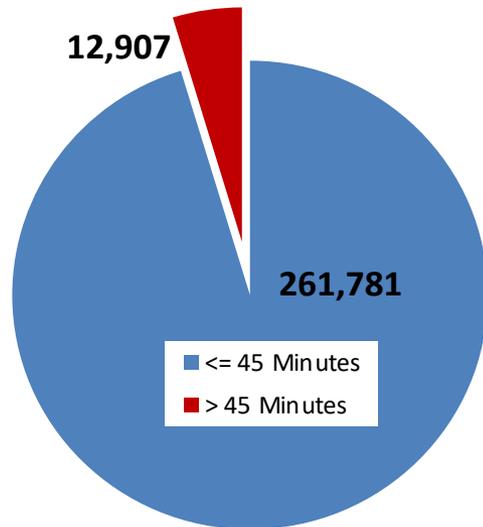
Overall, car journeys in Medway are not greatly affected by moving services from K&C to WHH.

Only 43 of the 162 LSOAs had travel times data for public transport therefore no analysis has been completed.

\*All Activity includes ED attendances, Admissions and Outpatient Appointments.

# Medway Population Travel Time: WHH Breakdown

Travel Time Under 45 Minutes



Travel Time 60 minutes and under



## Distance

The mean change from K&C to WHH is -1.1km and plus or minus two Standard Deviations (SD) is a range of +9.7km to -12km. There is only one LSOA, in South Rainham, which would have to travel two SDs above the mean change - an extra 9.9km.

## Time

The mean change from K&C to WHH is -1.23 minutes and plus or minus two SDs is a range of +8.7 mins to -11.2 mins. No LSOA has an increased journey time two SDs above the mean. The same LSOA in South Rainham only had an increase of 6.88 minutes to the travel time.

# Medway Population Travel Time: K&C to WHH Breakdown – Top 10 Changes

| Ward Name       | LSOA      | AM Peak Drive Change (Minutes) | Population Affected | All Activity 2016/17* |
|-----------------|-----------|--------------------------------|---------------------|-----------------------|
| Rainham South   | E01016107 | 6.88                           | 1,541               | 0                     |
| Rainham South   | E01016101 | 6.47                           | 1,507               | 7                     |
| Rainham North   | E01016095 | 6.17                           | 1,371               | 0                     |
| Rainham South   | E01016102 | 6.17                           | 1,528               | 45                    |
| Rainham South   | E01016104 | 6.17                           | 1,467               | 0                     |
| Rainham North   | E01016098 | 6.17                           | 1,424               | 12                    |
| Rainham Central | E01016089 | 6.16                           | 1,594               | 28                    |
| Rainham North   | E01016094 | 6.16                           | 1,485               | 25                    |
| Rainham North   | E01016097 | 6.16                           | 1,493               | 0                     |
| Rainham South   | E01016103 | 6.16                           | 1,505               | 0                     |

| Ward Name       | LSOA      | Off Peak Drive Change (Minutes) | Population Affected | All Activity 2016/17* |
|-----------------|-----------|---------------------------------|---------------------|-----------------------|
| Rainham South   | E01016104 | 3.78                            | 1,467               | 0                     |
| Rainham Central | E01016089 | 3.77                            | 1,594               | 28                    |
| Rainham Central | E01016090 | 3.77                            | 1,493               | 0                     |
| Rainham Central | E01016091 | 3.77                            | 1,522               | 16                    |
| Rainham North   | E01016093 | 3.77                            | 1,689               | 17                    |
| Rainham North   | E01016095 | 3.77                            | 1,371               | 0                     |
| Rainham South   | E01016099 | 3.77                            | 1,536               | 19                    |
| Rainham South   | E01016101 | 3.77                            | 1,507               | 7                     |
| Rainham South   | E01016107 | 3.77                            | 1,541               | 0                     |
| Rainham Central | E01016087 | 3.77                            | 1,845               | 40                    |

Overall, car journeys in Medway are not greatly affected by moving services from K&C to WHH.

Only 43 of the 162 LSOAs had travel times data for public transport therefore no analysis has been completed.

\*All Activity includes ED attendances, Admissions and Outpatient Appointments.

# Medway Population AM Peak Drive Travel Time: K&C and WHH Comparison

| K&C Average Travel Time<br>(Weighted by Population) | WHH Average Travel Time<br>(Weighted by Population) |
|---|---|
| 40.5 minutes  | 39.2 minutes  |

As a whole there is very little difference between K&C and WHH for the patients of Medway. However, there will be pockets who are more affected than others by any service move to or from these sites. As can be seen below 39.4% of patients would have a slightly longer journey to WHH than K&C, however 60.6% would have a slightly shorter journey. The table below can simply be reversed for services switched from WHH to K&CH e.g. 60.6% would have a slightly longer journey.

## K&C to WHH

| Change in Travel Time | Population | Percentage | Activity 2016/17* |
|-----------------------|------------|------------|-------------------|
| 5-7 mins longer       | 20,829     | 7.58%      | 209               |
| 0-5 mins longer       | 87,397     | 31.82%     | 967               |
| 0-5 mins shorter      | 91,760     | 33.41%     | 837               |
| 5-12 mins shorter     | 74,702     | 27.20%     | 564               |

## WHH to K&C

| Change in Travel Time | Population | Percentage | Activity 2016/17* |
|-----------------------|------------|------------|-------------------|
| 5-12 mins shorter     | 20,829     | 7.58%      | 377               |
| 0-5 mins shorter      | 87,397     | 31.82%     | 364               |
| 0-5 mins longer       | 91,760     | 33.41%     | 503               |
| 5-7 mins longer       | 74,702     | 27.20%     | 98                |

\*All Activity includes ED attendances, Admissions and Outpatient Appointments.

# Indicative Train Travel Times

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# Indicative Travel Times by Train

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|            | Canterbury (all stations) – mins | Ashford International - mins |
|------------|----------------------------------|------------------------------|
| Chatham    | c. 40                            | c. 50                        |
| Gillingham | c. 35                            | c. 55                        |
| Rochester  | c. 20                            | c. 47                        |
| Strood     | c. 20                            | c. 43                        |
| Rainham    | c. 38                            | c. 65                        |
| Cuxton     | c. 70                            | c. 75                        |
| Halling    | c. 80                            | c. 65                        |
| Sheerness  | c. 58                            | c. 105                       |
| Higham     | c. 75                            | c. 55                        |
| Snodland   | c. 85                            | c. 65                        |

- Ashford International Station is 2.8 miles from the William Harvey Hospital
- Canterbury East Station is 1.4 miles from the Kent and Canterbury Hospital
- Canterbury West Station is 2.1 miles from the Kent and Canterbury Hospital