

PET-CT in South Essex
Analysis of Bus Travelling Times: June 2016

CCG office postcodes have been used to create reference points to calculate average bus travelling times. If travelling to either site by bus from the 6 CCG office locations, at different times of the day, the following applies:

11.30 Monday morning	To Basildon Hospital.	To Southend Hospital.	Quickest/Easiest
NHS Basildon and Brentwood CCG SS14 3HG	46 minutes 0 changes	63 minutes 2 changes	BTUH
NHS Thurrock CCG RM17 6SL	54 minutes 0 changes	74 minutes 1 change	BTUH
NHS Southend CCG SS2 6HT	59 minutes 0 changes	14 minutes 0 changes	SUH
NHS Castle Point and Rochford CCG SS6 7QF	88 minutes 0 changes	35 minutes 0 changes	SUH
NHS Mid Essex CCG CM2 5PF	96 minutes 1 changes	93 minutes 1 change	SUH
NHS West Essex CCG CM16 6TN	111 minutes 4 changes	116 minutes 3 changes	EQUAL*
09.00 Wednesday morning	To Basildon Hospital.	To Southend Hospital.	Quickest/Easiest
NHS Basildon and Brentwood CCG SS14 3HG	46 minutes 0 changes	77 minutes 2 changes	BTUH
NHS Thurrock CCG RM17 6SL	63 minutes 0 changes	78 minutes 1 change	BTUH
NHS Southend CCG SS2 6HT	61 minutes 0 changes	14 minutes 0 changes	SUH
NHS Castle Point and Rochford CCG SS6 7QF	80 minutes 0 changes	35 minutes 0 changes	SUH
NHS Mid Essex CCG CM2 5PF	96 minutes 1 change	93 minutes 1 change	SUH
NHS West Essex CCG CM16 6TN	113 minutes 4 changes	116 minutes 3 changes	EQUAL

15.00 Thursday afternoon	To Basildon Hospital	To Southend Hospital	Quickest/Easiest
NHS Basildon and Brentwood CCG SS14 3HG	46 minutes 0 changes	80 minutes 2 changes	BTUH
NHS Thurrock CCG RM17 6SL	54 minutes 0 changes	81 minutes 1 change	BTUH
NHS Southend CCG SS2 6HT	61 minutes 0 changes	14 minutes 0 changes	SUH
NHS Castle Point and Rochford CCG SS6 7QF	80 minutes 0 changes	38 minutes 0 changes	SUH
NHS Mid Essex CCG CM2 5PF	96 minutes 1 change	93 minutes 1 change	SUH
NHS West Essex CCG CM16 6TN	104 minutes 4 changes	129 minutes 3 changes	EQUAL

If travelling by bus on a Monday morning at 11.30 and assuming patients from West Essex have equal access to both sites, 64% of people would have easier access to BTUH and 42% to the SUH site.

If travelling by bus on a Wednesday morning at 09.00 and assuming patients from West Essex have equal access to both sites 52% of people would have easier access to BTUH and 54% to the SUH site.

If travelling by bus on a Thursday afternoon at 15.00 and assuming patients from West Essex have equal access to both sites 64% of people would have easier access to BTUH and 42% to the SUH site.

A change in location of the scanner would have some impact on patients travelling from the BTUH area if travelling by bus, however in this context, bus travel, irrespective of location of the service or time of the day, is often lengthy and difficult particularly for those in poor health.

Approximately 5% of PET-CT patients told us they travel by bus (according to our patient survey), 0.006% of the total population or around 71 patients (based on contracted activity for 2016/17, although the increased demand we have seen so far this year could mean this number rises to around 92 patients if the trend continues).

Consequently, at the slowest time of day for travelling to Southend, 0.0038% of the local population (approximately 53 people each year) would be affected by longer travelling times if the service were to move. Conversely, 0.0032% (approximately 45 people per year) would benefit from shorter travelling times.