

East Anglia Train Service Requirement 3

Mondays to Fridays

East Anglia Train Service Requirement 3

Table 1	London Liverpool Street to Southminster, Southend Victoria, Braintree, Colchester, Clacton-on-Sea, Walton-on-the-Naze, Harwich Town, Ipswich and Norwich
Table 2	Norwich, Ipswich, Harwich Town, Walton-on-the-Naze, Clacton-on-Sea, Colchester, Braintree, Southend Victoria and Southminster to London Liverpool Street
Table 3	Wickford to Southminster
Table 4	Southminster to Wickford
Table 5	Witham to Braintree
Table 6	Braintree to Witham
Table 7	Marks Tey to Sudbury
Table 8	Sudbury to Marks Tey
Table 9	Colchester to Clacton-on-Sea and Walton-on-the-Naze
Table 10	Walton-on-the-Naze and Clacton-on-Sea to Colchester
Table 11	Thorpe-le-Soken to Clacton-on-Sea and Walton-on-the-Naze
Table 12	Clacton-on-Sea and Walton-on-the-Naze to Thorpe-le-Soken
Table 13	Manningtree to Harwich Town
Table 14	Harwich Town to Manningtree
Table 15	Ipswich to Felixstowe, Lowestoft and Harwich International
Table 16	Harwich International, Lowestoft and Felixstowe to Ipswich
Table 17	Ipswich to Cambridge, Ely, Peterborough and Norwich
Table 18	Norwich, Peterborough, Ely and Cambridge to Ipswich
Table 19	London Liverpool Street and Stratford to Hertford East, Stansted Airport, Cambridge and King's Lynn
Table 20	King's Lynn, Cambridge, Stansted Airport and Hertford East to Stratford and London Liverpool Street
Table 21	Cambridge to Stansted Airport, King's Lynn and Norwich
Table 22	Norwich, King's Lynn and Stansted Airport to Cambridge
Table 23	Norwich to Great Yarmouth, Lowestoft, Cromer and Sheringham
Table 24	Sheringham, Cromer, Lowestoft and Great Yarmouth to Norwich

TSR3
East Anglia Train Service Requirement

Table 1 London Liverpool Street to Southminster, Southend Victoria, Braintree, Colchester, Clacton-on-Sea, Walton-on-the-Naze, Harwich Town, Ipswich and Norwich

	Mondays to Fridays								
Departure time from London	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart London		Additional Requirements
Direct services from London to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Stratford	11	24	42	35	22	14	05:15	00:45	Further calls shall be made at Stratford to allow passengers to pick-up only: 0200-0659 1; 0700-0959 3; 1000-1559 5; 1600-1859 0; 1900-2159 2; 2200-0159 2.
Seven Kings	0	0	0	0	0	0	-	-	
Romford	0	0	0	0	0	0	-	-	
Gidea Park	0	0	0	0	0	0	-	-	
Harold Wood	0	0	0	0	0	0	-	-	
Brentwood	0	0	0	0	0	0	-	-	
Shenfield	10	24	42	24	21	14	05:15	00:45	Between 0700-0959 one additional call shall be made at Shenfield to pick-up only.
Billericay	5	12	24	14	12	6	05:45	00:45	
Wickford	5	12	24	17	12	6	05:45	00:45	
Battlesbridge	0	1	0	3	0	0	-	-	
South Woodham Ferrers	0	1	0	3	0	0	-	-	
North Fambridge	0	1	0	3	0	0	-	-	
Althorne	0	1	0	3	0	0	-	-	
Burnham-on-Crouch	0	1	0	3	0	0	-	-	
Southminster	0	1	0	3	0	0	-	-	
Rayleigh	5	12	24	14	12	6	05:45	00:45	
Hockley	5	12	24	14	12	6	05:45	00:45	
Rochford	5	12	24	14	12	6	05:45	00:45	
Southend Airport	6	12	24	14	12	6	05:15	00:45	
Prittlewell	5	12	24	14	12	6	05:45	00:45	
Southend Victoria	6	12	24	14	12	6	05:15	00:45	
Ingatestone	3	7	13	7	6	6	05:30	00:45	1. One of the services in the 1000-1559 timeband at each of Ingatestone, Chelmsford, Hatfield Peverel, Witham, Kelvedon, Marks Tey and Colchester may originate from Ingatestone departing between 1530 and 1630. 2. See Chelmsford Journey time requirements
Chelmsford	7	17	31	21	15	11	05:30	00:45	
Hatfield Peverel	2	3	7	7	4	4	05:30	00:15	
Witham	6	14	25	17	13	8	05:30	00:45	
White Notley	1	4	6	4	3	0	06:30	21:45	
Cressing	1	4	6	4	3	0	06:30	21:45	
Braintree Freeport	1	4	6	4	3	0	06:30	21:45	
Braintree	1	4	6	4	3	0	06:30	21:45	
Kelvedon	3	6	13	10	6	5	05:30	00:15	
Marks Tey	4	8	13	10	6	6	05:30	00:15	1. One of the services in the 2200-0159 timeband at each of Marks Tey and Colchester may originate from Marks Tey departing between 2330 and 2359.
Colchester	9	17	31	21	16	12	05:30	00:45	2. The first service from London to Colchester shall arrive no later than 0630. See Colchester journey time requirements
Colchester Town	0	0	0	3	0	0	-	-	3. Three of the services in the 0200-0659 timeband at each of Colchester, Manningtree and Ipswich may originate from Colchester. The first of these services shall depart Colchester no later than 0545.
Hythe	0	0	0	5	0	0	-	-	
Wivenhoe	2	3	6	8	3	2	05:30	23:15	
Alresford	0	0	0	3	0	1	-	23:15	
Great Bentley	0	0	0	3	0	1	-	23:15	
Weeley	0	0	0	1	0	0	-	-	
Thorpe-le-Soken	2	3	6	8	3	2	05:30	23:15	
Clacton-on-Sea	2	3	6	7	3	2	05:30	23:15	
Kirby Cross	0	0	0	1	0	0	-	-	
Frinton-on-Sea	0	0	0	1	0	0	-	-	
Walton-on-the-Naze	0	0	0	1	0	0	-	-	
Manningtree	6	9	18	12	10	4	06:00	23:30	
Mistley	1	0	0	1	0	0	06:45	-	
Wrabness	1	0	0	1	0	0	06:45	-	
Harwich International	1	0	0	2	2	0	06:45	-	
Dovercourt	1	0	0	1	1	0	06:45	-	
Harwich Town	1	0	0	1	1	0	06:45	-	
Ipswich	5	11	24	14	11	4	06:00	23:30	1. The first service from London to Ipswich shall arrive no later than 0715. See Ipswich journey time requirements 2. The first service from London to Norwich shall arrive no later than 0800. See Norwich journey time requirements.
Stowmarket	2	4	6	7	6	2	06:00	23:30	
Diss	2	6	12	8	6	2	06:00	23:30	
Norwich	2	9	18	9	9	2	06:00	23:30	

TSR3
East Anglia Train Service Requirement

Table 2 Norwich, Ipswich, Harwich Town, Walton-on-the-Naze, Clacton-on-Sea, Colchester, Braintree, Southend Victoria and Southminster to London Liverpool Street

	Mondays to Fridays								Additional Requirements
Arrival time at London	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive London		
Direct services from each station to London	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Norwich	1	9	17	9	9	4	07:00	23:45	1. The last service from Norwich to London shall depart no earlier than 2200. See Norwich journey time requirements 2. The last service from Ipswich to London shall depart no earlier than 2230. See Ipswich journey time requirements 3. Two of the services in the 2200-0159 timeband at each of Ipswich, Manningtree and Colchester may terminate at Colchester, the second of these services shall do so between 2330 and 2359
Diss	1	7	12	6	6	3	07:00	23:45	
Stowmarket	1	8	6	3	4	2	07:00	23:45	
Ipswich	2	13	24	12	12	7	06:45	23:45	
Harwich Town	0	2	0	0	0	0	-	-	
Dovercourt	0	2	0	0	0	0	-	-	
Harwich International	0	3	0	0	0	1	-	22:00	
Wrabness	0	2	0	0	0	0	-	-	
Mistley	0	2	0	0	0	0	-	-	
Manningtree	2	13	19	9	9	7	06:45	23:45	
Walton-on-the-Naze	0	2	0	0	0	0	-	-	
Frinton-on-Sea	0	2	0	0	0	0	-	-	
Kirby Cross	0	2	0	0	0	0	-	-	
Clacton-on-Sea	1	8	6	3	3	2	06:50	23:30	
Thorpe-le-Soken	1	9	6	3	3	2	06:50	23:30	
Weeley	0	3	0	0	0	0	07:30	-	
Great Bentley	0	3	0	0	0	0	07:30	-	
Alresford	0	3	0	0	0	0	07:30	-	
Wivenhoe	1	9	6	3	3	2	06:50	23:30	
Hythe	0	7	0	0	0	0	07:30	-	
Colchester Town	0	4	0	0	0	0	07:30	-	
Colchester	5	21	31	16	17	11	06:00	23:45	The last service from Colchester to London shall depart no earlier than 2300. See Colchester journey time requirements
Marks Tey	3	10	12	6	8	4	06:00	23:45	
Kelvedon	3	11	12	6	6	4	06:00	23:45	
Braintree	0	3	6	4	3	2	07:35	23:00	
Braintree Freeport	0	3	6	4	3	2	07:35	23:00	
Cressing	0	3	6	4	3	2	07:35	23:00	
White Notley	0	3	6	4	3	2	07:35	23:00	
Witham	4	18	25	14	15	9	06:00	23:45	See Chelmsford journey time requirements
Hatfield Peverel	2	7	6	5	4	2	06:00	23:00	
Chelmsford	4	21	31	17	18	10	06:00	23:45	
Ingatestone	2	9	12	6	6	4	06:00	23:30	
Southend Victoria	6	13	24	12	12	7	05:15	23:55	See Southend Victoria journey time requirements
Prittlewell	6	13	24	12	12	6	05:15	23:45	
Southend Airport	6	13	24	12	12	7	05:15	23:55	
Rochford	6	13	24	12	12	6	05:15	23:45	
Hockley	6	13	24	12	12	6	05:15	23:45	
Rayleigh	6	13	24	12	12	6	05:15	23:45	
Southminster	0	4	0	1	0	1	07:30	-	
Burnham-on-Crouch	0	4	0	1	0	1	07:30	-	
Althorne	0	4	0	1	0	1	07:30	-	
North Fambridge	0	4	0	1	0	1	07:30	-	
South Woodham Ferrers	0	4	0	1	0	1	07:30	-	
Battlesbridge	0	3	0	1	0	1	07:30	-	
Wickford	6	15	24	12	12	7	05:15	23:59	
Billericay	6	15	24	12	12	7	05:15	23:59	
Shenfield	9	29	42	25	24	14	05:15	23:59	Between 2200-0159 one additional call shall be made at Shenfield to set-down only.
Brentwood	0	0	0	0	0	0	-	-	
Harold Wood	0	0	0	0	0	0	-	-	
Gidea Park	0	0	0	0	0	0	-	-	
Romford	0	0	0	0	0	0	-	-	
Seven Kings	0	0	0	0	0	0	-	-	
Stratford	9	0	42	25	23	14	05:15	23:59	Further calls shall be made at Stratford to allow passengers to set-down only: 0200-0659 2; 0700-0959 43; 1000-1559 6; 1600-1859 3; 1900-2159 3; 2200-0159 3.

TSR3
East Anglia Train Service Requirement

Table 3 Wickford to Southminster

	Mondays to Fridays								
Departure time from Wickford	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Wickford		Additional Requirements
Direct services from Wickford to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Battlesbridge	3	4	8	4	4	2	05:30	23:00	Two of the services from Wickford to Southminster, departing between 0200 and 0659, shall originate from Shenfield and call at Billericay.
South Woodham Ferrers	3	4	8	4	4	2	05:30	23:00	
North Fambridge	3	4	8	4	4	2	05:30	23:00	
Althorne	3	4	8	4	4	2	05:30	23:00	
Burnham-on-Crouch	3	4	8	4	4	2	05:30	23:00	
Southminster	3	4	8	4	4	2	05:30	23:00	

This TSR Table shows the number of train services required to operate from Wickford to each station, inclusive of the requirement for through London services specified in Table 1.

TSR3
East Anglia Train Service Requirement

Table 4 Southminster to Wickford

	Mondays to Fridays								
Arrival time at Wickford	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Wickford		Additional Requirements
Direct services from each station to Wickford	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Southminster	2	4	8	4	4	3	06:00	23:15	
Burnham-on-Crouch	2	4	8	4	4	3	06:00	23:15	
Althorne	2	4	8	4	4	3	06:00	23:15	
North Fambridge	2	4	8	4	4	3	06:00	23:15	
South Woodham Ferrers	2	4	8	4	4	3	06:00	23:15	
Battlesbridge	2	4	8	4	4	3	06:00	23:15	

This TSR Table shows the number of train services required to operate to Wickford from each station, inclusive of the requirement for through London services specified in Table 2.

TSR3
East Anglia Train Service Requirement

Table 5 Witham to Braintree

	Mondays to Fridays								
Departure time from Witham	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Witham		Additional Requirements
Direct services from Witham to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
White Notley	2	4	6	3	4	3	05:30	00:30	
Cressing	2	4	6	3	4	3	05:30	00:30	
Braintree Freeport	2	4	6	3	4	3	05:30	00:30	
Braintree	2	4	6	4	4	3	05:30	00:30	

This TSR Table shows the number of train services required to operate from Witham to each station, inclusive of the requirement for through London services specified in Table 1.

TSR3
East Anglia Train Service Requirement

Table 6 Braintree to Witham

	Mondays to Fridays								
Arrival time at Witham	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Witham		Additional Requirements
Direct services from each station to Witham	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Braintree	2	3	6	4	3	4	06:00	00:30	
Braintree Freeport	2	3	6	4	3	4	06:00	00:30	
Cressing	2	3	6	4	3	4	06:00	00:30	
White Notley	2	3	6	4	3	4	06:00	00:30	

This TSR Table shows the number of train services required to operate to Witham from each station, inclusive of the requirement for through London services specified in Table 2.

TSR3
East Anglia Train Service Requirement

Table 7 Marks Tey to Sudbury

	Mondays to Fridays								
Departure time from Marks Tey	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Marks Tey		Additional Requirements
Direct services from Marks Tey to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Chappel & Wakes Colne	2	2	6	3	3	2	06:15	23:45	Fourteen services shall be provided from Colchester Town
Bures	2	2	6	3	3	2	06:15	23:45	
Sudbury	2	4	6	3	3	2	06:15	23:45	

TSR3
East Anglia Train Service Requirement

Table 8 Sudbury to Marks Tey

Mondays to Fridays									
Arrival time at Marks Tey	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Marks Tey		Additional Requirements
Direct services from each station to Marks Tey	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Sudbury	2	4	6	3	3	2	06:00	23:45	Seventeen services shall be provided to Colchester Town
Bures	2	4	6	3	3	2	06:00	23:45	
Chappel & Wakes Colne	2	4	6	3	3	2	06:00	23:45	

TSR3
East Anglia Train Service Requirement

Table 9 Colchester to Clacton-on-Sea and Walton-on-the-Naze

	Mondays to Fridays								
Departure time from Colchester	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Colchester		Additional Requirements
Direct services from Colchester to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Colchester Town	1	8	18	9	9	2	06:30	22:45	One service each hour between 0700 and 2259, from Colchester Town, must operate to Thorpe-le-Soken.
Hythe	0	6	6	7	6	1	07:15	22:45	
Wivenhoe	1	7	12	10	9	4	06:30	00:15	
Alresford	0	4	6	6	5	2	07:15	00:15	
Great Bentley	0	4	6	6	5	2	07:15	00:15	
Weeley	0	4	6	4	5	1	07:15	22:45	
Thorpe-le-Soken	1	7	12	10	9	4	06:30	00:15	
Clacton-on-Sea	1	4	6	7	5	3	06:30	00:15	
Kirby Cross	0	3	6	3	4	1	08:00	22:45	
Frinton-on-Sea	0	3	6	3	4	1	08:00	22:45	
Walton-on-the-Naze	0	3	6	3	4	1	08:00	22:45	

This TSR Table shows the number of train services required to operate from Colchester to each station, inclusive of the requirement for through London services specified in Table 1.

TSR3
East Anglia Train Service Requirement

Table 10 Walton-on-the-Naze and Clacton-on-Sea to Colchester

	Mondays to Fridays								
Arrival time at Colchester	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Colchester		Additional Requirements
Direct services from each station to Colchester	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Walton-on-the-Naze	0	3	6	3	3	1	08:10	22:45	
Frinton-on-Sea	0	3	6	3	3	1	08:10	22:45	
Kirby Cross	0	3	6	3	3	1	08:10	22:45	
Clacton-on-Sea	4	9	6	3	4	2	06:00	23:30	One arrival each hour between 0700 and 2259 at Colchester Town must operate from Thorpe-le-Soken.
Thorpe-le-Soken	4	12	12	6	7	3	06:00	23:30	
Weeley	1	6	6	3	3	2	06:15	23:30	
Great Bentley	1	6	6	3	3	2	06:15	23:30	
Alresford	1	6	6	3	3	2	06:15	23:30	
Wivenhoe	4	12	12	6	7	3	06:00	23:30	
Hythe	2	9	6	3	4	2	06:15	23:30	
Colchester Town	2	8	18	9	9	4	06:30	23:00	

This TSR Table shows the number of train services required to operate to Colchester from each station, inclusive of the requirement for through London services specified in Table 2.

TSR3
East Anglia Train Service Requirement

Table 11 Thorpe-le-Soken to Clacton-on-Sea and Walton-on-the-Naze

	Mondays to Fridays								
Departure time from Thorpe-le-Soken	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Thorpe-le-Soken		Additional Requirements
Direct services from Thorpe-le-Soken to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Clacton-on-Sea	1	4	6	5	8	4	07:00	00:30	
Kirby Cross	3	3	6	5	4	2	06:15	23:20	
Frinton-on-Sea	3	3	6	5	4	2	06:15	23:20	
Walton-on-the-Naze	3	3	6	5	4	2	06:15	23:20	

This TSR Table shows the number of train services required to operate from Thorpe-le-Soken to each station, inclusive of the requirement for through London services specified in Table 1 and through Colchester services specified in Table 9.

TSR3
East Anglia Train Service Requirement

Table 12 Clacton-on-Sea and Walton-on-the Naze to Thorpe-le-Soken

	Mondays to Fridays								
Arrival time at Thorpe-le-Soken	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Thorpe-le-Soken		Additional Requirements
Direct services from each station to Thorpe-le-Soken	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Clacton-on-Sea	7	5	6	4	3	2	05:30	23:00	
Walton-on-the-Naze	3	4	6	4	5	2	05:45	23:00	
Frinton-on-Sea	3	4	6	4	5	2	05:45	23:00	
Kirby Cross	3	4	6	4	5	2	05:45	23:00	

This TSR Table shows the number of train services required to operate to Thorpe-le-Soken from each station, inclusive of the requirement for through London services specified in Table 2 and through Colchester services specified in Table 10.

TSR3
East Anglia Train Service Requirement

Table 13 Manningtree to Harwich Town

	Mondays to Fridays								
Departure time from Manningtree	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Manningtree		Additional Requirements
Direct services from Manningtree to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Mistley	2	3	6	6	5	3	06:00	23:30	One service from Manningtree (departing before 0659) to Harwich Town shall originate from Colchester.
Wrabness	2	3	6	6	5	3	06:00	23:30	
Harwich International	2	3	6	6	7	4	06:00	23:30	
Dovercourt	2	3	6	6	6	3	06:00	23:30	
Harwich Town	2	3	6	6	6	3	06:00	23:30	

This TSR Table shows the number of train services required to operate from Manningtree to each station, inclusive of the requirement for through London services specified in Table 1.

TSR3
East Anglia Train Service Requirement

Table 14 Harwich Town to Manningtree

Mondays to Fridays									
Arrival time at Manningtree	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Manningtree		Additional Requirements
Direct services from each station to Manningtree	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Harwich Town	2	5	6	5	6	2	06:00	23:45	The last service from Harwich Town to Manningtree shall terminate at Colchester.
Dovercourt	2	5	6	5	6	2	06:00	23:45	
Harwich International	2	6	6	5	7	2	06:00	23:45	
Wrabness	2	5	6	5	6	2	06:00	23:45	
Mistley	2	5	6	5	6	2	06:00	23:45	

This TSR Table shows the number of train services required to operate to Manningtree from each station, inclusive of the requirement for through London services specified in Table 2.

TSR3
East Anglia Train Service Requirement

Table 15 Ipswich to Felixstowe, Lowestoft and Harwich International

	Mondays to Fridays								
Departure time from Ipswich	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Ipswich		Additional Requirements
Direct services from Ipswich to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Westerfield	3	5	7	4	2	1	05:15	22:15	
Derby Road	2	4	6	3	2	1	05:15	22:15	
Trimley	2	4	6	3	2	1	05:15	22:15	
Felixstowe	2	4	6	3	2	1	05:15	22:15	
Woodbridge	1	3	7	2	3	1	06:30	22:15	Four of the services between Ipswich and Lowestoft shall originate from London Liverpool Street.
Melton	1	3	7	2	3	1	06:30	22:15	
Wickham Market	1	3	7	2	3	1	06:30	22:15	
Saxmundham	1	3	7	2	3	1	06:30	22:15	
Darsham	1	3	7	2	3	1	06:30	22:15	
Halesworth	1	3	7	2	3	1	06:30	22:15	
Brampton	1	3	7	2	3	1	06:30	22:15	
Beccles	1	3	7	2	3	1	06:30	22:15	
Oulton Broad South	1	3	7	2	3	1	06:30	22:15	
Lowestoft	1	3	7	2	3	1	06:30	22:15	
Mistley	0	0	0	0	0	0	-	-	
Wrabness	0	0	0	0	0	0	-	-	
Harwich International	1	0	0	0	1	0	07:15	20:45	

TSR3
East Anglia Train Service Requirement

Table 16 Harwich International, Lowestoft and Felixstowe to Ipswich

	Mondays to Fridays								
Arrival time at Ipswich	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Ipswich		Additional Requirements
Direct services from each station to Ipswich	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Harwich International	0	1	0	0	0	1	08:30	22:00	
Wrabness	0	1	0	0	0	0	-	-	
Mistley	0	1	0	0	0	0	-	-	
Lowestoft	1	3	6	3	3	1	07:00	22:30	Four of the services from Lowestoft to Ipswich shall be extended to London Liverpool Street.
Oulton Broad South	1	3	6	3	3	1	07:00	22:30	
Beccles	1	3	6	3	3	1	07:00	22:30	
Brampton	1	3	6	3	3	1	07:00	22:30	
Halesworth	1	3	6	3	3	1	07:00	22:30	
Darsham	1	3	6	3	3	1	07:00	22:30	
Saxmundham	1	3	6	3	3	1	07:00	22:30	
Wickham Market	1	3	6	3	3	1	07:00	22:30	
Melton	1	3	6	3	3	1	07:00	22:30	
Woodbridge	1	3	6	3	3	1	07:00	22:30	
Felixstowe	1	4	6	3	3	1	06:15	23:15	
Trimley	1	4	6	3	3	1	06:15	23:15	
Derby Road	1	4	6	3	3	1	06:15	23:15	
Westerfield	1	6	6	3	3	2	06:15	23:15	

TSR3
East Anglia Train Service Requirement

Table 17 Ipswich to Cambridge, Ely, Peterborough and Norwich

	Mondays to Fridays								
Departure time from Ipswich	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Ipswich		Additional Requirements
Direct services from Ipswich to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Needham Market	3	2	6	4	3	1	05:15	22:15	
Stowmarket	5	8	15	10	11	5	05:15	00:45	
Elmswell	3	2	6	4	3	1	05:15	22:15	
Thurston	3	2	6	4	3	1	05:15	22:15	
Bury St Edmunds	4	6	12	6	6	1	05:15	22:15	
Kennett	3	1	3	2	2	0	05:15	21:15	
Newmarket	3	3	6	3	3	0	05:15	21:15	
Dullingham	3	1	3	1	2	0	05:15	21:15	
Cambridge	3	3	6	3	3	0	05:15	21:15	
Ely	1	3	6	3	3	0	06:00	20:55	13 services shall be provided from Colchester
Manea	1	1	3	2	1	0	06:00	19:45	
March	1	3	6	3	3	0	06:00	20:55	
Whittlesea	1	1	3	2	1	0	06:00	19:45	
Peterborough	1	3	6	3	3	0	06:00	20:55	
Diss	1	6	12	7	7	4	06:45	00:45	
Norwich	1	6	12	7	7	4	06:45	00:45	

This TSR Table shows the number of train services required to operate from Ipswich to each station, inclusive of the requirement for through London services specified in Table 1.

TSR3
East Anglia Train Service Requirement

Table 18 Norwich, Peterborough, Ely and Cambridge to Ipswich

	Mondays to Fridays								
Arrival time at Ipswich	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Ipswich		Additional Requirements
Direct services from each station to Ipswich	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Norwich	3	7	12	6	6	2	05:45	23:45	
Diss	3	7	12	6	6	2	05:45	23:45	
Peterborough	0	1	6	3	3	2	09:30	23:35	13 services shall be provided to Colchester
Whittlesea	0	1	3	1	2	1	09:30	23:15	
March	0	1	6	3	3	2	09:30	23:35	
Manea	0	1	3	1	2	1	09:30	23:15	
Ely	0	1	6	3	3	2	09:30	23:35	
Cambridge	0	3	6	3	3	3	07:10	23:59	
Dullingham	0	1	3	2	2	2	09:15	23:59	
Newmarket	0	3	6	3	3	3	07:10	23:59	
Kennett	0	1	3	2	2	2	08:15	23:59	
Bury St Edmunds	1	4	12	6	6	5	06:15	23:59	
Thurston	1	3	6	3	3	3	06:15	23:59	
Elmswell	1	3	6	3	3	3	06:15	23:59	
Stowmarket	4	11	15	8	8	6	05:45	23:59	
Needham Market	1	3	6	3	3	3	06:15	23:59	

This TSR Table shows the number of train services required to operate to Ipswich from each station, inclusive of the requirement for through London services specified in Table 2.

TSR3
East Anglia Train Service Requirement

Table 19 London Liverpool Street and Stratford to Hertford East, Stansted Airport, Cambridge and King's Lynn

Mondays to Fridays									
Departure time from London or Stratford	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart London or Stratford		Additional Requirements
Direct services from London or Stratford to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Hackney Downs	3	6	12	11	6	4	05:45	23:40	
Edmonton Green	0	0	0	5	0	0	-	-	Calls at Edmonton Green are required from the commencement of TSR2
Lea Bridge	2	5	12	7	5	3	06:15	23:00	
Tottenham Hale (or Seven Sisters)	19	31	60	35	31	16	04:45	23:55	Of the number of calls at Tottenham Hale (or Seven Sisters), the following number of services shall call at Stratford: 0200-0659 3; 0700-0959 5; 1000-1559 12; 1600-1859 7; 1900-2159 5; 2200-0159 3.
Northumberland Park	2	5	6	6	3	3	06:15	23:40	Also see 'Part 3 - Stratford, Tottenham and Angel Road ("STAR") Train Service Requirement'.
Angel Road	1	3	0	6	1	0	06:15	19:30	
Ponders End	3	6	12	7	6	4	05:45	23:40	
Brimsdown	3	6	12	7	6	4	05:45	23:40	
Enfield Lock	4	8	18	12	9	6	05:45	23:40	
Waltham Cross	3	7	18	12	9	5	05:45	23:40	
Cheshunt	12	18	36	20	18	12	04:45	23:55	
Broxbourne	12	17	36	21	18	11	04:45	23:55	
Rye House	5	8	18	9	9	5	05:45	23:40	One of the services in the 0200-0659 timeband at each of Broxbourne, Rye House, St Margarets, Ware and Hertford East may originate from Broxbourne departing between 0530 and 0559.
St Margarets	5	8	18	9	9	5	05:45	23:40	
Ware	5	8	18	9	9	5	05:45	23:40	
Hertford East	5	8	18	9	9	5	05:45	23:40	
Roydon	4	7	12	9	7	5	05:30	23:55	See Bishop's Stortford journey time requirements
Harlow Town	11	15	36	18	17	11	04:45	23:55	
Harlow Mill	4	6	13	9	7	5	05:30	23:55	
Sawbridgeworth	5	9	19	12	12	7	05:15	23:55	
Bishop's Stortford	13	15	36	19	18	11	04:45	23:55	
Stansted Mountfitchet	8	7	14	9	8	3	04:45	23:40	
Stansted Airport	11	12	24	12	12	6	-	23:25	1. The first service from London to Stansted Airport shall arrive no later than 0430. 2. See Stansted Airport journey time requirements
Elsenham	5	4	8	5	4	2	05:30	23:25	1. One of the services in the 0200-0659 timeband at each of Bishop's Stortford, Stansted Mountfitchet, Elsenham, Newport, Audley End, Great Chesterford, Whittlesford Parkway, Shelford and Cambridge may originate from Bishop's Stortford departing between 0545 and 0615. 2. On Friday only, one additional service shall be provided at each of Stansted Mountfitchet, Elsenham, Newport, Audley End, Great Chesterford, Whittlesford Parkway and Cambridge, departing London no earlier than 2345. 3. See Cambridge journey time requirements
Newport	5	4	8	5	4	2	05:30	23:25	
Audley End	5	7	12	10	8	4	05:30	23:40	
Great Chesterford	5	4	8	5	4	2	05:30	23:25	
Whittlesford Parkway	5	6	12	10	8	3	05:30	23:25	
Shelford	5	4	8	5	4	2	05:30	23:25	
Cambridge	5	8	12	10	8	4	05:30	23:40	
Cambridge North	2	3	6	6	3	1	05:30	22:25	
Waterbeach	0	0	1	2	1	0	-	-	
Ely	0	0	1	3	1	0	-	-	
Littleport	0	0	0	2	1	0	-	-	
Downham Market	0	0	0	2	1	0	-	-	
Watlington	0	0	0	2	1	0	-	-	
King's Lynn	0	0	0	2	1	0	-	-	

This TSR Table shows the number of train services required to operate from London Liverpool Street and Stratford. A train that calls at both London Liverpool Street and Stratford shall only count as one service.

TSR3
East Anglia Train Service Requirement

Table 20 King's Lynn, Cambridge, Stansted Airport and Hertford East to Stratford and London Liverpool Street

	Mondays to Fridays								
Arrival time at London or Stratford	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive London or Stratford		Additional Requirements
Direct services from each station to London or Stratford	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
King's Lynn	0	2	0	0	0	0	-	-	
Watlington	0	2	0	0	0	0	-	-	
Downham Market	0	2	0	0	0	0	-	-	
Littleport	0	2	0	0	0	0	-	-	
Ely	0	4	0	0	0	0	07:30	09:45	
Waterbeach	0	3	0	0	0	0	07:30	09:45	
Cambridge North	1	6	6	3	3	3	06:45	23:30	
Cambridge	3	11	12	7	6	5	06:10	00:15	See Cambridge journey time requirements
Shelford	1	6	7	5	5	3	06:45	00:15	
Whittlesford Parkway	3	11	12	6	6	5	06:10	00:15	
Great Chesterford	1	6	7	5	5	3	06:45	00:15	
Audley End	3	11	12	7	6	5	06:10	00:15	
Newport	1	6	7	5	5	3	06:45	00:15	
Elsenham	1	6	7	5	5	3	06:45	00:15	
Stansted Airport	2	12	24	12	12	13	06:30	01:10	See Stansted Airport journey time requirements
Stansted Mountfitchet	2	9	13	8	8	6	06:45	00:15	See Bishop's Stortford journey time requirements
Bishop's Stortford	6	22	36	18	18	14	06:10	01:15	
Sawbridgeworth	4	11	19	10	9	6	06:10	00:15	
Harlow Mill	3	8	13	7	6	5	06:10	00:15	
Harlow Town	6	18	36	18	18	15	06:10	01:15	
Roydon	3	8	12	6	6	5	06:10	00:15	
Hertford East	1	8	19	9	9	7	06:30	00:45	Two of the services in the 1900-2159 timeband at each of Hertford East, Ware, St Margarets, Rye House and Broxbourne may terminate at Broxbourne.
Ware	1	8	19	9	9	7	06:30	00:15	
St Margarets	1	8	19	9	9	7	06:30	00:15	
Rye House	1	8	19	9	9	7	06:30	00:15	
Broxbourne	6	21	37	18	20	14	06:10	00:45	
Cheshunt	5	19	37	18	18	13	06:10	00:15	
Waltham Cross	2	12	19	9	9	5	06:30	23:45	
Enfield Lock	2	12	19	9	9	6	06:30	23:45	
Brimsdown	2	11	13	6	6	4	06:30	23:45	
Ponders End	2	6	13	6	6	4	06:30	23:45	
Angel Road	2	3	1	3	2	0	06:30	20:00	Also see 'Part 3 - Stratford, Tottenham and Angel Road ("STAR") Train Service Requirement'.
Northumberland Park	2	6	6	6	4	2	06:30	23:15	
Tottenham Hale (or Seven Sisters)	7	35	61	31	30	24	06:10	00:30	Of the number of calls at Tottenham Hale (or Seven Sisters), the following number of services shall call at Stratford: 0200-0659 2; 0700-0959 6; 1000-1559 12; 1600-1859 6; 1900-2159 6; 2200-0159 3.
Lea Bridge	1	6	12	6	6	3	06:45	23:00	
Edmonton Green	0	4	0	0	0	0	-	-	Calls at Edmonton Green are required from the commencement of TSR2
Hackney Downs	1	10	13	6	6	5	06:30	00:15	

This TSR Table shows the number of train services required to operate to London Liverpool Street and Stratford. A train that calls at both London Liverpool Street and Stratford shall only count as one service.

TSR3
East Anglia Train Service Requirement

Table 21 Cambridge to Stansted Airport, King's Lynn and Norwich

	Mondays to Fridays								
Departure time from Cambridge	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Cambridge		Additional Requirements
Direct services from Cambridge to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Whittlesford Parkway	9	9	19	6	6	3	05:00	23:15	Seventeen of the services between Cambridge and Stansted Airport shall originate from Norwich.
Audley End	9	9	19	7	6	3	05:00	23:15	
Stansted Airport	1	3	6	3	3	2	06:35	23:15	
Cambridge North	2	6	12	8	6	3	06:15	23:45	
Waterbeach	0	0	0	3	2	0	17:30	20:00	
Ely	2	4	6	6	5	1	05:50	22:45	
Littleport	0	0	0	1	2	0	18:30	20:00	
Downham Market	0	0	0	1	2	0	18:30	20:00	
Watlington	0	0	0	1	2	0	18:30	20:00	
King's Lynn	0	0	0	1	2	0	18:30	20:00	
Shippea Hill	0	1	0	0	0	0	-	-	Seventeen of the services between Cambridge and Norwich shall originate from Stansted Airport.
Lakenheath	0	0	0	0	0	0	-	-	
Brandon	1	3	6	3	3	1	06:15	22:45	
Thetford	2	3	6	3	3	1	05:50	22:45	
Harling Road	1	1	0	0	0	0	-	-	
Eccles Road	1	1	0	0	0	0	-	-	
Attleborough	1	3	6	3	3	1	06:15	22:45	
Spooner Row	0	2	0	0	0	0	-	-	
Wymondham	2	3	6	3	3	1	05:50	22:45	
Norwich	2	3	6	3	3	1	05:50	22:45	

This TSR Table shows the number of train services required to operate from Cambridge to each station, inclusive of the requirement for through London services specified in Tables 19 and 20.

TSR3
East Anglia Train Service Requirement

Table 22 Norwich, King's Lynn and Stansted Airport to Cambridge

	Mondays to Fridays								
Arrival time at Cambridge	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Cambridge		Additional Requirements
Direct services from each station to Cambridge	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Norwich	1	3	6	3	3	2	06:30	23:45	Seventeen of the services between Norwich and Cambridge shall be extended to Stansted Airport.
Wymondham	1	3	6	3	3	2	06:30	23:45	
Spooner Row	0	0	0	1	0	0	-	17:45	
Attleborough	1	3	6	3	2	2	07:00	23:45	
Eccles Road	0	0	0	1	0	0	-	18:45	
Harling Road	0	0	0	1	0	0	-	18:45	
Thetford	1	3	6	3	3	2	06:30	23:45	
Brandon	1	3	6	3	2	2	07:00	23:45	
Lakenheath	0	0	0	0	0	0	-	-	
Shippea Hill	0	0	0	0	0	0	-	-	
King's Lynn	1	1	0	0	0	0	-	-	
Watlington	1	1	0	0	0	0	-	-	
Downham Market	1	1	0	0	0	0	-	-	
Littleport	1	1	0	0	0	0	-	-	
Ely	2	6	6	3	3	2	06:15	23:45	
Waterbeach	1	2	0	0	0	0	06:15	08:15	
Cambridge North	3	8	12	6	6	3	06:30	23:45	
Stansted Airport	1	3	6	3	3	2	06:50	23:35	Seventeen of the services between Stansted Airport and Cambridge shall be extended to Norwich.
Audley End	2	7	18	9	10	7	06:45	00:45	
Whittlesford Parkway	2	6	18	9	10	6	06:45	00:45	

This TSR Table shows the number of train services required to operate to Cambridge from each station, inclusive of the requirement for through London services specified in Tables 19 and 20.

TSR3
East Anglia Train Service Requirement

Table 23 Norwich to Great Yarmouth, Lowestoft, Cromer and Sheringham

	Mondays to Fridays								
Departure time from Norwich	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services depart Norwich		Additional Requirements
Direct services from Norwich to each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Brundall Gardens	3	3	6	5	3	1	05:45	22:30	
Brundall	6	6	12	7	6	3	05:15	23:00	
Lingwood	2	3	6	6	3	1	06:15	23:00	
Acle	2	3	6	6	3	1	06:15	23:00	
Buckenham	0	0	0	0	0	0	-	-	
Cantley	2	2	6	2	3	2	05:45	22:30	
Reedham	3	2	6	2	3	2	05:45	22:30	
Berney Arms	0	1	1	0	0	0	-	-	
Great Yarmouth	4	6	7	6	3	2	05:15	23:20	
Haddiscoe	2	1	4	2	3	2	05:45	22:30	
Somerleyton	2	1	4	2	3	2	05:45	22:30	
Oulton Broad North	3	2	7	2	3	2	05:45	22:50	
Lowestoft	3	2	7	2	3	2	05:45	22:50	
Salhouse	1	3	3	2	2	1	05:45	22:45	On Friday only, the last service from Norwich to each of Salhouse, Worstead, Gunton, Roughton Road and West Runton shall be no earlier than 2300.
Hoveton & Wroxham	2	3	6	3	3	2	05:30	23:15	
Worstead	1	2	4	3	2	1	05:45	22:45	
North Walsham	2	3	6	3	3	2	05:30	23:15	
Gunton	1	3	3	3	2	1	05:45	22:45	
Roughton Road	1	3	3	3	2	1	05:45	22:45	
Cromer	2	3	6	3	3	2	05:30	23:15	
West Runton	2	3	6	3	2	1	05:30	22:45	
Sheringham	2	3	6	3	3	2	05:30	23:15	

TSR3
East Anglia Train Service Requirement

Table 24 Sheringham, Cromer, Lowestoft and Great Yarmouth to Norwich

	Mondays to Fridays								
Arrival time at Norwich	0200-0659	0700-0959	1000-1559	1600-1859	1900-2159	2200-0159	First & Last Services arrive Norwich		Additional Requirements
Direct services to Norwich from each station	Total	Total	Total	Total	Total	Total	First (no later than)	Last (no earlier than)	
Sheringham	0	3	6	3	3	3	07:30	00:30	
West Runton	0	3	6	3	2	3	07:30	00:30	
Cromer	1	3	6	3	3	3	06:45	00:30	
Roughton Road	1	3	4	2	1	2	06:45	23:15	
Gunton	1	3	3	2	1	2	06:45	23:15	
North Walsham	1	3	6	3	3	3	06:45	00:30	
Worstead	1	3	3	2	1	2	06:45	23:15	
Hoveton & Wroxham	1	3	6	3	3	3	06:45	00:30	
Salhouse	1	3	3	2	1	2	06:45	23:15	
Lowestoft	1	4	6	3	3	3	06:30	23:59	
Oulton Broad North	1	4	6	3	3	3	06:30	23:59	
Somerleyton	1	3	3	3	2	2	06:30	23:30	
Haddiscoe	1	3	3	3	2	2	06:30	23:30	
Great Yarmouth	2	6	8	5	4	3	06:30	00:15	The number of calls at Berney Arms may be reduced by one between the last Monday in September to the last Friday in March, inclusive.
Berney Arms	0	0	1	1	0	0	-	-	
Reedham	1	4	4	4	3	4	06:30	23:59	
Cantley	1	4	4	4	3	3	06:30	23:59	
Buckenham	0	0	0	0	0	0	-	-	
Acle	2	6	6	3	3	1	06:30	22:45	
Lingwood	2	6	6	3	3	1	06:30	22:45	
Brundall	3	7	12	7	6	5	06:30	23:59	
Brundall Gardens	2	4	6	3	3	1	06:30	22:45	

From	To
Liverpool Street	Norwich
Liverpool Street	Ipswich
Liverpool Street	Colchester
Liverpool Street	Chelmsford
Liverpool Street	Southend Victoria
Liverpool Street	Cambridge
Liverpool Street	Stansted Airport
Liverpool Street	Bishop's Stortford
Norwich	Liverpool Street
Ipswich	Liverpool Street
Colchester	Liverpool Street
Chelmsford	Liverpool Street
Southend Victoria	Liverpool Street
Cambridge	Liverpool Street
Stansted Airport	Liverpool Street
Bishop's Stortford	Liverpool Street

Journey time requirements
At least 32 trains within a journey time of not more than 105 minutes, of which two trains within 90 minutes.
At least 36 trains within a journey time of not more than 66 minutes, of which four trains within 60 minutes.
At least 60 trains within a journey time of not more than 54 minutes, of which 20 trains within 45 minutes.
At least 40 trains within a journey time of not more than 30 minutes, of which 13 trains within 27 minutes.
At least 60 trains within a journey time of not more than 58 minutes, of which two PM peak trains within 50 minutes.
At least 30 trains within a journey time of not more than 79 minutes, of which 13 trains within 67 minutes.
At least 70 trains within a journey time of not more than 53 minutes, of which 40 trains within 48 minutes.
At least 70 trains within a journey time of not more than 45 minutes, of which 40 trains within 40 minutes.
At least 32 trains within a journey time of not more than 105 minutes, of which two trains within 90 minutes.
At least 36 trains within a journey time of not more than 68 minutes, of which two trains within 60 minutes.
At least 60 trains within a journey time of not more than 56 minutes, of which 20 trains within 49 minutes.
At least 40 trains within a journey time of not more than 32 minutes, of which 13 trains within 30 minutes.
At least 60 trains within a journey time of not more than 58 minutes, of which two AM peak trains within 50 minutes.
At least 30 trains within a journey time of not more than 79 minutes, of which 13 trains within 67 minutes.
At least 70 trains within a journey time of not more than 53 minutes, of which 40 trains within 48 minutes.
At least 70 trains within a journey time of not more than 45 minutes, of which 40 trains within 40 minutes.