

Welcome

Thank you for picking up a copy of the Greater Bristol Travel map. It is designed to give you all the information you need to travel by public transport in and around Bristol.

The map has been produced by Bristol City Council based on information provided by local bus operators. It includes changes to local bus services in the Bristol area up to the 21st July 2019.

The map is intended to be re-printed annually. However some services may change and it is recommended that customers check with the relevant operators or TraveLine before travelling.

The leaflet is split into sections:

- A map of the bus network in Bristol containing all the main bus routes within the city and details of destinations served by bus including hospitals, colleges and visitor attractions.
- Where and when buses go – showing where buses go and how frequently they run.
- City Centre map – showing where to catch your bus in central Bristol.
- Fares information.
- Train, ferry and other public transport information.

To assist you in finding your destination there is a grid on the map and grid references against each of the place names on the 'Which bus goes where in Bristol' section. For example, Southmead Hospital is shown like this:

Southmead Hospital (C4)... 11,11A,17,24,76,77,505,506,508,Y6.



www.travelinesw.com
0871 200 22 33
calls cost 12p per minute plus your phone company's access charge

First Ticket Information

First offers a number of ticket options depending on your travel needs. As well as single tickets, First offer a range of Day, Week, Month and Year tickets, which give unlimited travel on First buses within specified areas. There are two zones - these are shown on the map overleaf.

mTickets are now available for most tickets via the First mTickets app, available on the Apple App store and Google Play. This service offers passengers the option to purchase tickets cheaper than buying on board from the driver.

Bristol Zone - shown in beige, covering approximately six miles from the city centre in all directions and includes places such as Pill, Aztec West, Emersons Green and Keynsham.

West of England Zone - shown in purple, allows travel on all First West of England bus services, which includes travel in Bristol, Bath & North East Somerset, South Gloucestershire, the west of Wiltshire and the Mendips, all on one ticket. This includes places such as Bath, Weston-super-Mare, Wells, Chippenham and Thornbury.



PlusBus is a National Rail ticketing product, which is an add-on to most types of train ticket. It can be bought at any National Rail station ticket office, online or from self-service ticket machines at selected stations. The product gives unlimited local bus travel (on participating operators services) around the whole of the urban area of a rail-served town or city. You can use PlusBus at the beginning and end of your rail journey hopping on and off buses as much as you like for the day.

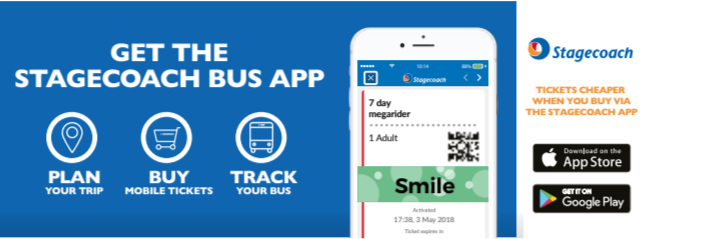
Combining public transport modes gives you a seamless door-to-door journey.

For further information visit www.plusbus.info

Stagecoach West Ticket Information

Stagecoach West offer a range of tickets including singles and day returns, as well as passes for one day, one month and one year.* All are available at adult, student and child rates.

For information on fares, tickets and timetables either download their app or visit www.stagecoachbus.com



GET THE STAGECOACH BUS APP
 PLAN YOUR TRIP BUY MOBILE TICKETS TRACK YOUR BUS

Fares information for other bus operators

Other local operators providing bus services in Bristol also offer a range of tickets in addition to standard single and return fares. For further information contact the operator using the contact details in the Bus Operators in Bristol section.



metrobus
 an express bus service for the greater Bristol area

look where metrobus can take you:
 m1 Cribbs Causeway to Hengrove Park
 m2 Long Ashton Park & Ride to City Centre
 m3 Emersons Green to City Centre

For further information on routes, timetables, ticketing and fares, visit metrobusbristol.co.uk telephone 0117 922 2910 email metrobus@westofengland.org

Multi-operator Day Ticket



Fixed price bus travel... no matter how many journeys you make

Multi-operator day ticket – for further information visit www.travelwest.info/rider



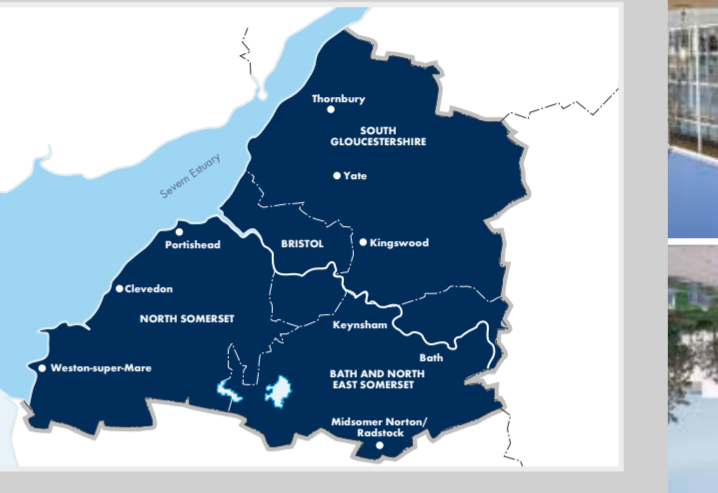
Adult per day **£5.00**
 Student* (with NUS card) per day **£3.50**
 Child (under 16) per day **£3.50**

Available on board your bus - ask the driver

Concessionary Travel

Diamond Travelcard
 Dependent upon your age or if you have a qualifying disability (please check full details on your local council's website), you can apply for a Diamond Travelcard. This gives you free bus travel after 0900 on Mondays to Fridays and all day at weekends in Bristol, South Gloucestershire, Bath and North East Somerset and North Somerset.

A Diamond Travelcard also gives you free bus travel across the rest of England between 0930 and 2300 on Mondays to Fridays and all day at weekends. In some areas the hours of validity are longer – please refer to the local council's website for more information.



For further information contact your Council:
 Bath & North East Somerset Council telephone: 01225 394041 www.bathnes.gov.uk
 Bristol City Council telephone: 0117 922 2600 www.bristol.gov.uk
 North Somerset Council telephone: 01934 426426 www.n-somerset.gov.uk
 South Gloucestershire Council telephone: 01454 868004 www.southglos.gov.uk




Greater Bristol Travel Map
 valid from July 2019

Bus Operators in Bristol

Abus
 104 Winchester Road
 Brislington
 Bristol BS4 3NL
 T: 0117 971 0251
 E: alan@abus.co.uk
 www.abus.co.uk

Bath Bus Company
 6 North Parade
 Bath BA1 1LF
 T: 01225 330444
 www.bathbuscompany.com

BCT: Bristol Community Transport (CT Plus)
 To the Rear of
 137 Parson Street
 Bristol BS3 5RB
 T: 0117 941 3713
 E: bristol@htcgroup.org
 www.bristolcommunitytransport.org.uk

EuroTaxis
 Dean Road
 Yate, Bristol BS37 5NH
 T: 0333 666 6666
 E: info@eurotaxis.com
 www.eurotaxis.com

First West of England
 Enterprise House
 Easton Road, Bristol BS5 0DZ
 T: 0345 602 0121
 E: firstsouthuk@firstgroup.com
 www.firstgroup.com/bristol

Somerbus
 Old Colliery Yard, Wick Lane
 Pensford, Bristol BS39 4BU
 T: 01761 490760
 E: somerbus@btinternet.com

South Gloucestershire Bus and Coach
 Gipsy Patch Lane
 Patchway, Bristol BS34 6QD
 T: 0117 931 4340
 E: enquires@southglos.org

Stagecoach West
 3rd Floor 65 London Road
 Gloucester GL1 3HF
 T: 01452 418630
 E: west.enquiries@stagecoachbus.com
 www.stagecoachbus.com

Contacting your local authority

Sustainable Transport (100TS)
 Bristol City Council
 PO BOX 3176
 Bristol BS3 9FS
 T: 0117 922 4454
 E: passenger.transport@bristol.gov.uk
 www.travelwest.info

Transport and Procurement
 South Gloucestershire Council
 Dept. for Environment and Community Services
 PO Box 1954
 Bristol BS37 0DD
 T: 01454 868004
 E: PublicTransport@southglos.gov.uk

Public Transport Team,
 B&NES Council, Lewis House,
 Manvers Street
 Bath BA1 1JG
 T: 01225 394041

Travelling to and from Bristol Airport

A1 Airport Flyer Express Link

Service A1 links central Bristol and Temple Meads Station to Bristol Airport via Hotwells and Ashton Vale. The service operates 24 hours a day, 7 days a week with departures up to every 10 minutes*. No pre-booking required – just pay the driver on boarding.

For timetable and fares information visit www.bristolairport.co.uk

*Please note that service A1 does not operate on Christmas Day. A limited service operates on Boxing Day and New Years Day.

A2 City Centre to Bristol Airport

Service A2 links central Bristol to Bristol Airport via Bedminster and Highridge. The service operates 24 hours a day, 7 days a week with departures up to every 30 minutes*. No pre-booking required – just pay the driver on boarding.

For timetable and fares information visit www.bristolairport.co.uk

* A limited service operates on Christmas Day, Boxing Day and New Years Day.

A4 Bath to Bristol Airport

The A4 service provides a direct service from Bath to Bristol Airport via Saltford, Keynsham and then via Brislington, Hengrove and Bishopsworth in South Bristol. The service operates every 30 minutes from 0300 to 2300 hours to the airport and returning to Bath between 0400 and 2400.

A4 service offers discounted fares for Concessionary Travelcard holders who wish to travel to/from Bristol Airport. No pre-booking required – just pay the driver on boarding.

For timetable and fares information visit www.bathbuscompany.com/air-decker

Park & Ride Services for Bristol



Bristol is served by four park & ride sites with services serving the Centre, Broadmead, Cabot Circus, Temple Meads/Temple Quay, Clifton and Southmead Hospital.

Brislington Park & Ride
 Located on the A4 in Brislington, postcode BS4 5LR.
 This service operates Monday to Saturday. Journey time to central Bristol approximately 25 minutes.

Lyde Green Park & Ride
 Located off Rosary roundabout A4174 on Willowherb Road, postcode BS16 7LX.
metrobus m3
 Operates seven days a week. Journey time to Central Bristol approximately 34 minutes.

Long Ashton Park & Ride
 Located off the A370 in Long Ashton, postcode BS3 2HB.
metrobus m2
 Operates Monday to Saturday. Journey time to central Bristol approximately 25 minutes.

505 Long Ashton Park & Ride to Southmead Hospital via Clifton
 Operates Monday to Saturday. (departs from Bower Ashton on Sundays). Journey time to Southmead Hospital approximately 40 minutes.

Portway Park & Ride
 Located on the A4 Portway in Shirehampton, postcode BS11 9QE.
 This service operates seven days a week. Journey time to central Bristol approximately 30 minutes.

For further information visit travelwest.info/park-ride

Community Transport

Community Transport Groups in Bristol

Bristol Dial-a-Ride Social Access **0845 130 1875**
 Bristol Community Transport **0117 902 0157**
 Lawrence Weston Community Transport **0117 329 4647**
 Mede Sprint (Knowle) **0117 904 8215**
 CATT (Hartcliffe/Withywood) **0117 377 3451**

Community Transport Groups in South Gloucestershire

Four Towns Vale and Link Community Transport **01454 250500**
 Green Community Travel **01454 228706**
 Kingswood Community Transport **0117 961 6016**

For further information on community transport services in the South Gloucestershire area telephone **01454 868004**

Ferry Services

There are a number of ferry operators providing passenger services on Bristol's historic harbour. Contact the operators below for further information:

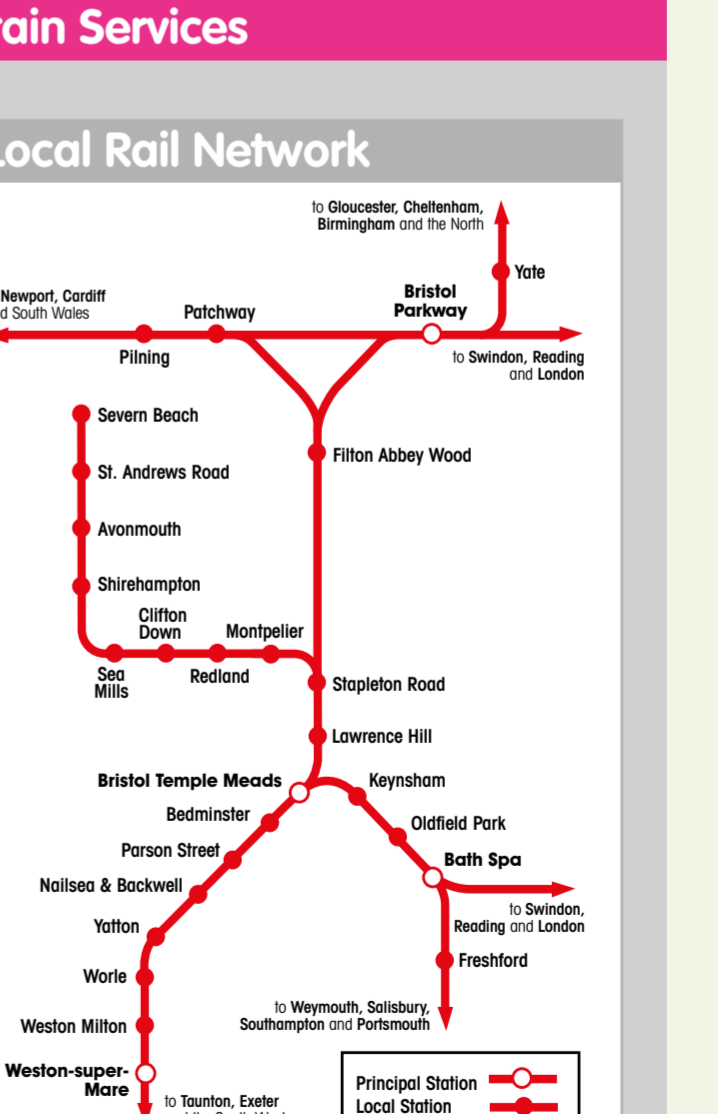
Bristol Ferry Boat Company
Tel: 0117 927 3416
www.bristolferry.com

The Bristol Packet
Tel: 0117 926 8157
www.bristolpacket.co.uk

Cross Harbour Ferry operated by No 7 Boat Trips
Tel: 0117 929 3659
www.numbersevenboattrips.com

Train Services

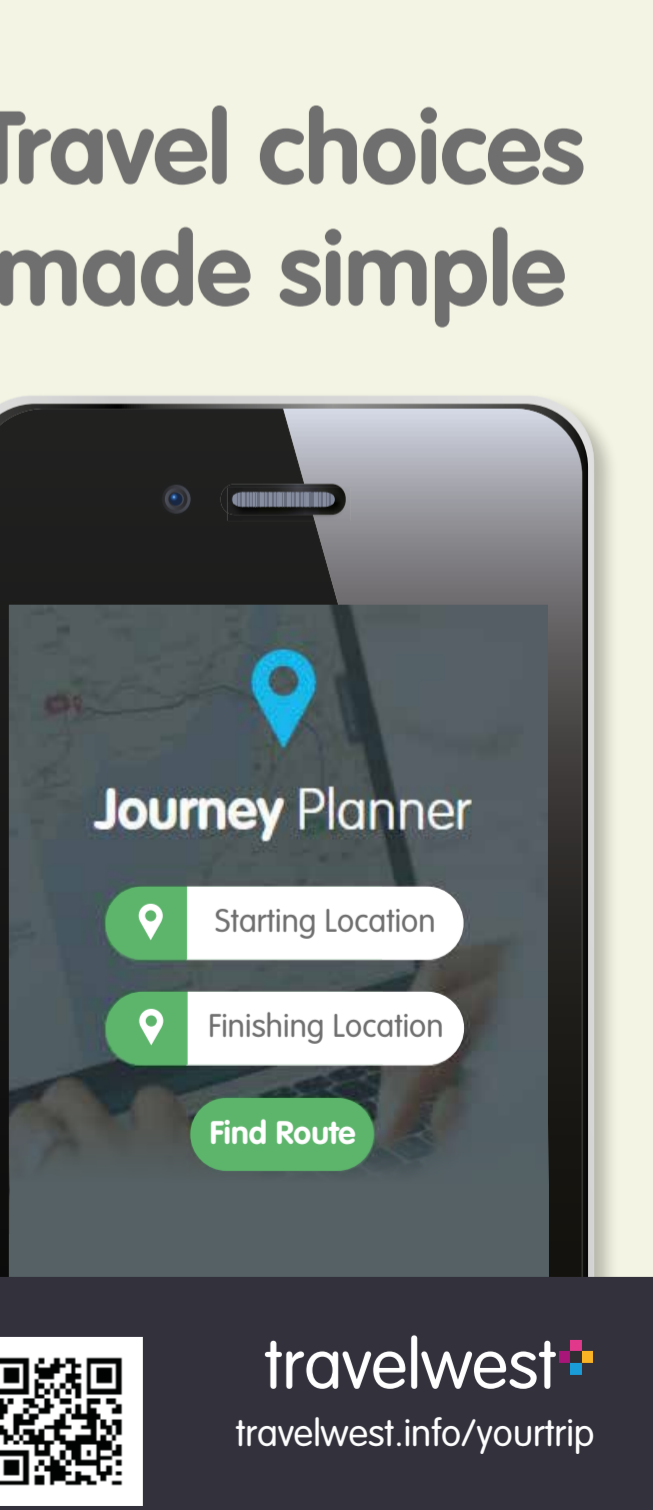
Local Rail Network



National Rail Enquiries

For full details of route and services, train times, fares and other information contact National Rail Enquiries: **0345 748 4950** or visit www.nationalrail.co.uk

Travel choices made simple



Journey Planner

Starting Location
 Finishing Location
 Find Route

travelwest
travelwest.info/yourtrip

All information is correct at time of going to print (July 2019) and subject to change. Please check www.travelinesw.com for updates.

Bristol City Centre

Travelling beyond Bristol by bus and coach

Coach Travel

Bristol is served by the National Express national coach network with services departing from Bristol Bus Station. National Express information and tickets are available from the National Express counter and machines in the Bus Station. For further information on National Express services: **0871 781 8181** or visit www.nationalexpress.com

megabus provides express coach services to and from London and other selected major cities. Buses set off from Bond Street, Bristol (near Blacks). For further information on megabus, call enquiries **0141 352 4444**, or visit uk.megabus.com

Bus Travel

From Bristol Bus Station you can travel to many places beyond the city including those listed below:

Destination	Service Number	Destination	Service Number
Almondsbury	77*, T1*, T2	Pensford	177, 376
Alveston	77*, T1*, T2	Pill	X3A, X4
Backwell	X1, X2, X8	Portishead	X3, X3A, X4
Bath	37, 39, X39	Pucklechurch	Y5
Blagdon	672****	Radstock	178
Bristol Airport	A1, A2****	Saltford	39, X39
Chepstow	7XP	Street	376
Chew Magna	672	Thornbury	62, 77*, T1*, T2
Chipping Sodbury	Y1*, Y2, Y5	Wells	376
Clevedon	X6, X7	West Harptree	672****
Coalpit Heath	Y1*, Y2, Y4	Westerleigh	Y5
Congresbury	X1, X2	Weston-super-Mare	X1, X1X, X2
Dursley	62	Wick	35
Farmborough	178, 668***	Winterbourne	626**, Y3, Y4
Frampton Cotterell	626**, Y3, Y4	Wotton-under-Edge	626**
Glastonbury	7XP	Yate	Y1*, Y2, Y3, Y4, Y5
Keynsham	39, 178, 349, 668***	Yatton	X2
Long Ashton	X2, X7, X9		
Marshfield	35		
Midsomer Norton	177, 178		
Nailsea	X7, X8, X9		
Newport	7XP		
Paulton	177, 178		
Peasedown St. John	668***		

* Departs from Lewins Mead stop B1
 ** Departs from The Haymarket stop B9
 *** Departs from Union Street stop B19
 **** Departs from The Horsefair stop B11
 ***** Departs from The Haymarket stop B10

Information on frequencies for the services listed above is available under the 'where and when buses go' section. Timetable and route information is also available by calling Traveline **0871 200 22 33**.

Travel Information

First Bus travelhub


The First Bus travelhub in Bristol Bus Station provides information on travelling in and around Bristol by public transport. First staff provide timetable, route and fares information on all local First bus services. A lost property service for First buses is also provided.

Opening hours: **Monday to Friday: 0800 - 1800, Saturday: 0900 - 1700 and Sunday: 1000 - 1600** (closed on Public Holidays)

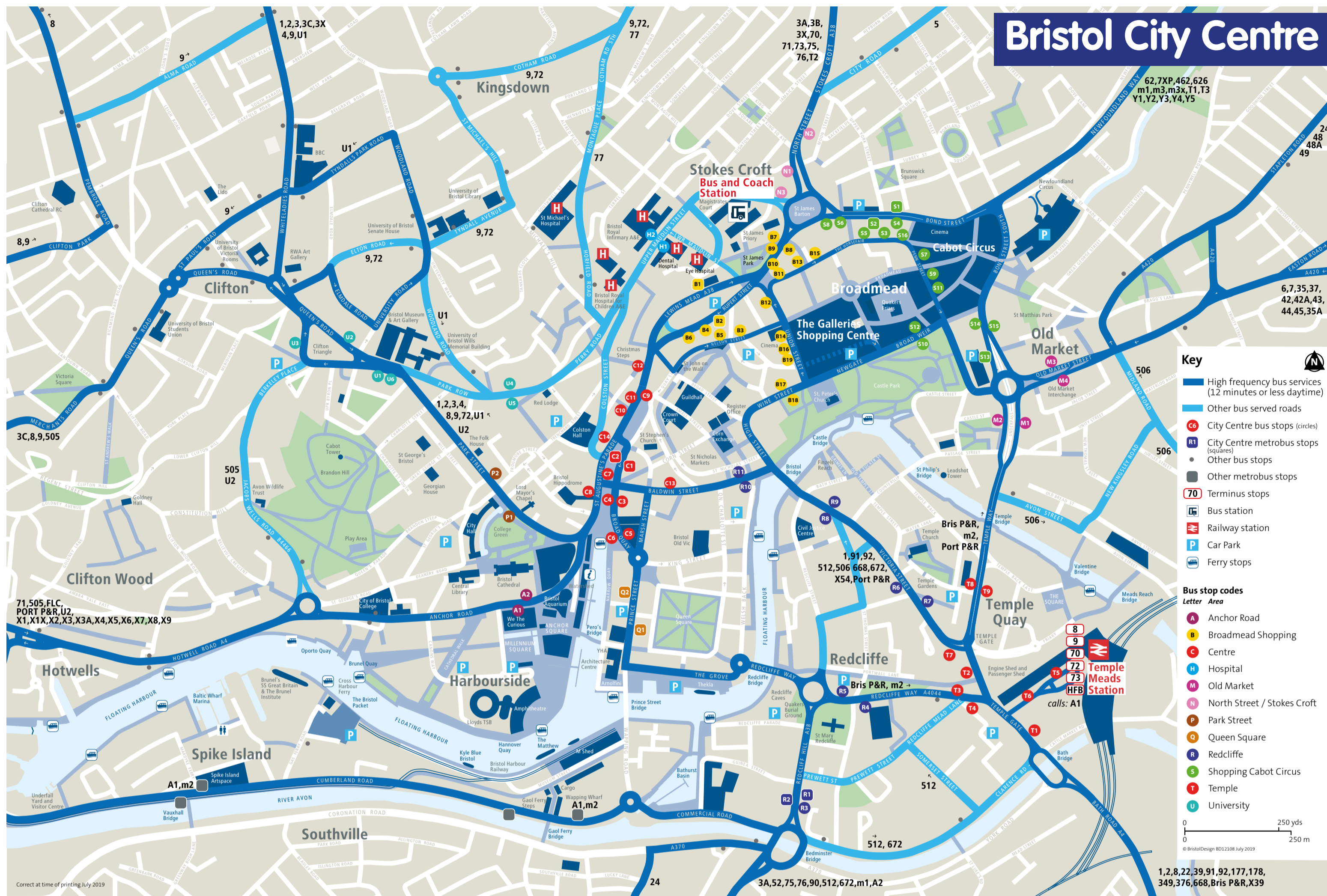
Tourist Information Centre

The Tourist Information Centre, located beside the Watershed near the Centre, provides a wide range of public transport information on services in the Bristol area. You can also purchase tickets for the Airport Flyer, First Bus Services and megabus.

Opening hours: **Monday to Saturday: 1000 - 1700 and Sunday: 1000 - 1700** (The Tourist Information Centre is open 362 days a year, and only closed on 25th and 26th Dec and 1st January) or visit www.visitbristol.co.uk

 www.travelinesw.com
0871 200 22 33
 public transport info

Calls cost 12p per minute plus your phone company's access charge.



Where do I catch my bus in Bristol city centre?

Bus stops in the central area are identified with a specific stop code dependent on area. For example, letter B refers to the Broadmead shopping area, there are 19 stops in this group, and the colour yellow has been used to identify these stops. See the map key for explanation of letters and corresponding areas. This table lists buses serving Central Bristol and which stops they use. Service numbers are coloured to match those used on the Bus map above.

Service	Operator	Direction	Stops
1	First	Cribbs Causeway Broom Hill	T2, R6, R8, B16, C9, P1, U1, U3 U2, P2, C10, B11, S10, B18, R9, R7, T1
2	First	Cribbs Causeway Stockwood	T2, R6, R8, B16, C9, P1, U1, U3 U2, P2, C10, B11, S10, B18, R9, R7, T1
3	First	Cribbs Causeway Broadmead	B12, C9, P1, U1, U3 U2, P2, C10, B12
3A	Stagecoach West	Aztec West Ashton Vale	R2, C6, C10, B1, B7, N1 N2, B10, B4, C5, R3
3B	Stagecoach West	Aztec West Centre	B1, B7, N1 C10, B1, B7, H1, U5, U6, U3
3X	Stagecoach West	Aztec West Centre	U2, U4, H2, N3, H1, C10, B1
4	First	Cribbs Causeway Broadmead	B12, C9, P1, U1, U3 U2, P2, C10, B12
5	First	Downend Centre	B1, B9, N1 N2, B10, B1
6	First	Kingswood Centre	C4, B3, B15, S9, M3 M4, S14, S8, B4, C3
7	First	Staple Hill Centre	C4, B3, B15, S9, M3 M4, S14, S8, B4, C3
7XP	First	Newport/Magor Bristol Bus Station	Bus Station, S1 N2, Bus Station
8	First	Clifton Temple Meads	T5, T8, M2, S14, S8, C9, P1, U6, U3 U2, P2, C11, B3, B15, S9, M1, T9, T5
9	First	Clifton Village via Redland Temple Meads	T5, T8, M2, S14, S8, C9, P1, U6, U3 U2, P2, C11, B3, B15, S9, M1, T9, T5
22	First	Highridge Old Market	C6, B15, M1, T1 T4, R4, C6, B3, B15, M1
24	First	Ashton Vale Southmead Hospital	M4, S14, B10, C9, C5, R1 R2, C6, B5, S12, M3
35	First	Marshfield Bristol	C4, B3, B13, S11, M3 M4, S14, S8, B4, C3
36	First	Brislington Centre	C4, B5, B15, S9, M3 M4, S14, S8, B4, C3

Service	Operator	Direction	Stops
37	First	Bristol Bus Station Bath Bus Station	M4, S14, S8, Bus Station Bus Station, B13, S11, M3
39	First	Bristol Bus Station Bath Bus Station	T4, R4, C6, Bus Station Bus Station, C3, R5, T1
42/42A	First	Bitton (42) Kingswood (42A) Centre	C4, B3, B13, S11, M3 M4, S14, S6, B4, C3
43	First	Cadbury Heath Centre	C4, B3, B13, S11, M3 M4, S14, S6, B4, C3
44	First	Cadbury Heath Centre	C4, B3, B13, S11, M3 M4, S14, S6, B4, C3
45	First	Cadbury Heath Centre	C4, B3, B13, S11, M3 M4, S14, S6, B4, C3
48	First	Emersons Green Centre	B6, B5, S12, M3 M4, S14, S8, B6
48A	First	LUWE Frenchay Centre	B6, B5, S12, M3 M4, S14, S8, B6
49	First	Emersons Green Centre	B6, B5, S12, M3 M4, S14, S8, B6
52	BCT	Hengrove Cabot Circus	S14, B10, C9, C5, R3 R2, C6, B3, S16
62	Stagecoach West	Dursley Bristol Bus Station	Bus Station, S1 T6, R4, C6, C12, B7, N1
70	First	LUWE Frenchay Centre/Temple Meads	N2, B10, C9, C5, R5, T6 A2, C12, B7, N1
71	First	LUWE Frenchay LUWE Bower Ashton	N2, B10, C7, A1 T5, T8, M2, S14, S8, C9, P1, U6, U3
72	First	Temple Meads Cribbs Causeway	U2, P2, C11, B3, B15, S9, M1, T9, T5 T6, R4, C6, C12, B7, N1
73	First	Temple Meads Cribbs Causeway	N2, B10, C9, C5, R5, T6 R2, C6, C12, B7, N1
75	First	Hengrove Centre	N2, B4, C9, C5, R3

Service	Operator	Direction	Stops
76	First	Henbury Hengrove	R2, C6, C12, B7, N1 N2, B4, C9, C5, R3
77	Stagecoach West	Thornbury Broadmead	B1, H1 H2, N3, B10, B1
90	First	Hengrove Cabot Circus	S7, S10, B14, C9, C5, R3 R2, C6, B3, S3
91	First	Hengrove Broadmead	S7, S10, B18, R9, R7, T1 T2, R6, R8, B14, S3
92	First	Hengrove Broadmead	S7, S10, B18, R9, R7, T1 T2, R6, R8, B14, S3
177	First	Midsomer Norton Bristol Bus Station	Bus Station, S12, M1, T9, T1 T2, T8, M2, S14, S6, Bus Station
178	First	Radstock Bristol Bus Station	Bus Station, S12, M1, T9, T1 T2, T8, M2, S14, S6, Bus Station
349	Abus/First	Keynsham Bristol Bus Station	Bus Station, C3, R5, T1 T4, R4, C6, Bus Station
376	First	Street Bristol Bus Station	Bus Station, S12, M1, T9, T1 T2, T8, M2, S14, S6, Bus Station
462	South Gloucestershire Bus & Coach	Temple Meads Clifton (Triangle) TM - Lyde Green Clifton - Lyde Green	S4, B10, C9, C5, T1 U4, C6, C12, B9, S1 T2, P2, C12, B9, S1
505	BCT	Southmead Hospital Long Ashton P&R	U3 U2
506	BCT	Southmead Hospital Cabot Circus	S12, M1 M4, S10
512	BCT	Broadmead Totterdown	R6, R8, B19, B12 B12, B15, B18, R9, R7, T1
626	EuroTaxis	Wotton-under-Edge Wotton-under-Edge	S6, H1, C14 C14, B9
668	Somerbus	Broadmead Peasedown St John	T2, R6, R8, B19 B19, S5, S10, B18, R9, R7, T1

Service	Operator	Direction	Stops
672	BCT	Blagdon Broadmead	B11, S10, B18, R9, R7, T1 R2, R5, R6, R8, B16
PORT (902)	First	Portway P&R / Broadmead	A2, R11, R9, T8, M2, S13
BRIS (904)	First	Brislington P&R / Broadmead	B6, C7, A1 T2, T8, M2, S13 B8, C1, R5
A1	First	Bristol Airport Bristol Bus Station	Bus Station, C1, T6, R4, R1 R2, R5, T6, C2, Bus Station
A2	First	Bristol Airport Broadmead	B10, C1, C5, R3 R2, C6, C2, B1
FLC	Stagecoach Southwest	Cabot Circus Plymouth	A2, S4, S1 S4, A1
m1	BCT	Hengrove Park Cribbs Causeway	R2, Q2, C2, B1, S1 T8, S13, S2, B2, C1, Q1, R1
m2	First	Long Ashton P&R The Centre	R2, T8, S13, S2, B2, C1 C2, B1, S1
m3/m3x	First	Emersons Green Centre	C2, B1, S1 S2, B2, C1
T1	First	Thornbury Centre Colston Street	S4, B10, C9, C5, T1 S4, H1, C14
T2	First	Thornbury Bristol Bus Station	Bus Station, N1 N2, Bus Station
T3	First	Bradley Stoke Centre Colston Street	C14, C12, B1, B7, S1 S4, H1, C14
U1	First	Centre Stoke Bishop	U4, H2, N3, B10, C9 C9, P1, U1, U3
U2	First	UoB to Langford Veterinary College Centre	C9, P1, U1 U2, P2, C12, B10, C9
X1/X1X	First	Bristol Bus Station Weston-Super-Mare	A2, C8, Bus Station Bus Station, C7, A1
X2	First	Bristol Bus Station Weston-Super-Mare	A2, C8, Bus Station Bus Station, C7, A1

Service	Operator	Direction	Stops
X3	First	Bristol Bus Station Portishead	A2, C8, Bus Station Bus Station, C7, A1
X3A	First	Bristol Bus Station Portishead	A2, C8, Bus Station Bus Station, C7, A1
X4	First	Bristol Bus Station Portishead	A2, C8, Bus Station Bus Station, C7, A1
X6	First	Bristol Bus Station Walton St Mary/Walton Park, Clevedon	A2, C8, Bus Station Bus Station, C7, A1
X7	First	Bristol Bus Station Clevedon	A2, C8, Bus Station Bus Station, C7, A1
X8	First	Bristol Bus Station Nailsea	A2, C8, Bus Station Bus Station, C7, A1
X9	Abus/First	Bristol Bus Station Nailsea	A2, C8, Bus Station Bus Station, C7, A1
X39	First	Bristol Bus Station Bath	T4, R4, C6, Bus Station Bus Station, C3, R5, T1
Y1	First	Chipping Sodbury Centre Colston Street	C14, B1, S1 S4, H1, C14
Y2	First	Yate/Chipping Sodbury Bristol Bus Station	Bus Station, S1 S4, Bus Station
Y3	First	Yate Bristol Bus Station	C14, C12, B1, B7, S1 S4, H1, C14
Y4	First	Yate Bristol Bus Station	U4, H2, N3, B10, C9 S4, Bus Station
Y5	First	Chipping Sodbury Bristol Bus Station	Bus Station, S1 S4, Bus Station

Bristol Network Map

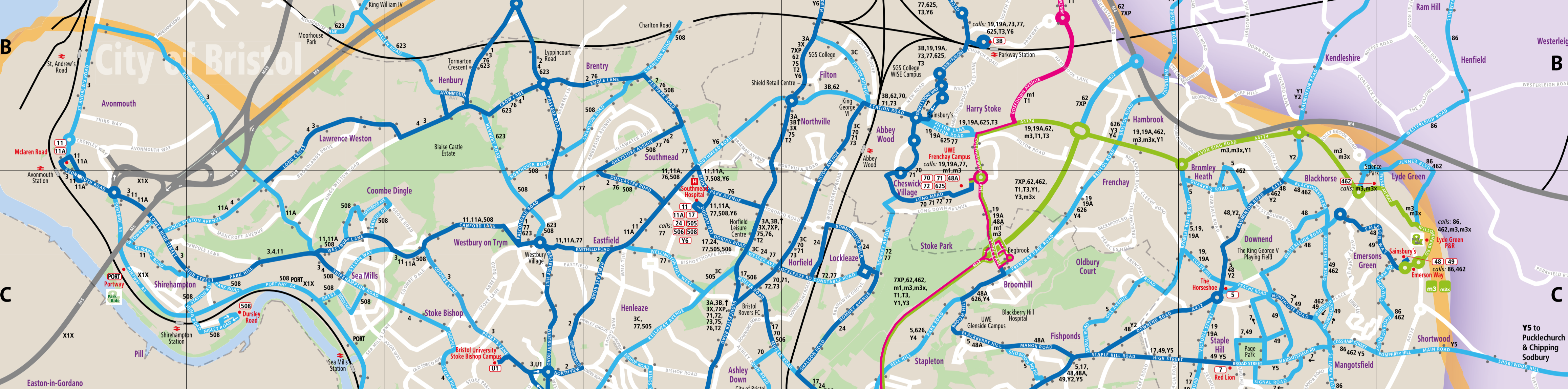
Key

- High frequency bus services (12 minutes or less daytime)
- Other bus served roads
- metrolink routes
- Cribbs Causeway to Hengrove Park
- Long Ashton P&R to City Centre
- Emersons Green to City Centre
- (m3x express service does not go via UWE)
- First fare zones: Inner zone
- Outer zone
- Bristol Rider boundary
- Council boundary

Legend

- 70 Bus route number
- Route terminus
- Principal bus stops
- Other bus stops
- Bus runs in direction of arrow
- Park & Ride
- Rayway line & station
- Hospital

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Which bus goes where in Bristol?

For details of bus services to destination outside of Bristol please refer to the Travelling Beyond Bristol by bus and coach section overview.

Route	Destinations
Abbeystead (S) (S) (S)	62, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 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670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 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