

Our ref: 01/FOI/24/011975/X

Please quote our reference
number when responding

Wednesday, 14 February 2024

FREEDOM OF INFORMATION REQUEST REFERENCE NO: 01/FOI/24/011975/X

I write in connection with your request for information dated 18/01/2024, I note you seek access to the following information:

I am writing to request information regarding the organisation of local policing and the local response to crime and disorder.

I am interested in the unit of organisation commonly referred to as Local Policing Areas, Divisions, Districts or Basic Command Units. They are typically aligned to local authority or community safety partnership boundaries.

For each of these areas within your force, I would like to know:

- 1. the name of the area, any corresponding ONS geographical code (these are typically a 9-digit string comprising the letter E followed by 8 numerical characters), and any short string code used by the force as shorthand to represent the geography.*
- 2. the first and last name and rank of the current senior officer responsible (often known as the 'local commander' or similar) for the policing of that area, the date they were appointed, and an email address for the individual or position.*
- 3. the first and last name and rank of the last two senior officers in that post, and the dates they were in the roles*
- 4. if no ONS code is provided: a description of the geographic extent of the area and the boundaries to which it is aligned (this might be one or more local authorities, or community safety partnerships, or similar)*

Further, for each of the above areas a list of the smaller geographic areas that your force uses to organise and deliver local policing (these might commonly be called 'neighbourhoods' and will typically either be an individual ward or a collection of wards), including:

- 5. the name of the area, any corresponding ONS geographical code, any short string code used by the force as shorthand to represent the geography*

6. *if no ONS code is provided: a description of the geographic extent of the area and the boundaries to which it is aligned (this might be an individual ward or a collection of wards).*

Result of Searches

Following receipt of your request searches were conducted within Greater Manchester Police to locate information relevant to your request. I can confirm that the information you have requested is held by Greater Manchester Police.

Parts 1 & 4

There are effectively 12 policing Districts, aligned with the 10 local councils that make up the Greater Manchester Combined Authority area.

The 10 council areas, with their corresponding policing Districts, are:

Local Council	Greater Manchester Police District
Bolton	Bolton District (K)
Bury	Bury District (N)
Manchester	City of Manchester North District (A1) City of Manchester Central District (A2) City of Manchester South District (A3)
Oldham	Oldham District (Q)
Rochdale	Rochdale District (P)
Salford	Salford District (F)
Stockport	Stockport District (J)
Tameside	Tameside District (G)
Trafford	Trafford District (M)
Wigan	Wigan District (L)

ONS administrative areas corresponding with Greater Manchester local council authority areas can be found on the ONS Open Geography Portal as a downloadable dataset:

<https://www.arcgis.com/sharing/rest/content/items/792f7ab3a99d403ca02cc9ca1cf8af02/data>

The information from the ONS Open Geography Portal can be easily combined with the data in the above table.

Part 2

The information for 'Direct emails' and 'Start assignment date' has been exempted from disclosure under **Section 40(2) Personal Information** – this information constitutes personal data of an identifiable living individual, and to disclose this information would breach the principles of the General Data Protection Regulation (GDPR) and the Data Protection Act 2018. Personal data is defined by Section 1 of the Data Protection Act 1998 and means data that relates to an individual who can be identified directly or indirectly from that data.

Please see the remaining for the information below:

A City of Manchester

Robert Cousen Chief Superintendent - District Commander - July 2022

Richard Jackson Chief Superintendent - District Commander - Jan 2023

F Salford

Anthony Creely Chief Superintendent - District Commander - July 2022

G Tameside

Philip Davies Chief Superintendent - District Commander - July 2022

J Stockport

John Webster Chief Superintendent - District Commander - Nov 2021

K Bolton

Stephanie Parker Chief Superintendent - District Commander - Dec 2022

L Wigan

Ian Jones Chief Superintendent - District Commander - Nov 2023

M Trafford

Colette Rose Chief Superintendent - District Commander - Oct 2021

N Bury

Christopher Hill Chief Superintendent - District Commander - Oct 2021

P Rochdale

Daniel Inglis Chief Superintendent - District Commander - Dec 2023

Q Oldham

Christopher Goodman-Bowen Chief Superintendent District - Commander - Nov 2021

Part 3

The information marked as 'Chief Superintendent X' and the exact 'Start assignment date' has been exempted from disclosure under **Section 40(2) Personal Information**.

'Chief Superintendent X' are the officers who are no longer with GMP either retired or transferred to other forces. Therefore we cannot release their names without their consent.

The information constitutes personal data of an identifiable living individual, and to disclose this information would breach the principles of the General Data Protection Regulation (GDPR) and the Data Protection Act 2018. Personal data is defined by Section 1 of the Data Protection Act 1998 and means data that relates to an individual who can be identified directly or indirectly from that data.

Please see the remaining for the information below:

A City of Manchester 1

Paul Savill Chief Superintendent - District Commander - Oct 2021

Paul Savill Chief Superintendent - Area Commander - Mar 2021

A City of Manchester 2

Richard Timson Chief Superintendent - District Commander - Oct 22

Paul Savill Chief Superintendent - Area Commander - Mar 21

F Salford

Chief Superintendent X - District Commander - Oct 2021

Chief Superintendent X - Area Commander - Mar 2021

G Tameside

Robert Cousen Chief Superintendent - District Commander - Oct 2021

Christopher Allsop Chief Superintendent - Territorial Commander - Mar 2020

J Stockport

Chief Superintendent X - Territorial Commander - Mar 2021

Chief Superintendent X - Area Commander - Feb 2019

K Bolton

Chief Superintendent X - District Commander – Oct 2021

Chief Superintendent X - Area Commander – Mar 2021

L Wigan

Chief Superintendent X - District Commander - Oct 2021

Chief Superintendent X - Territorial Commander June 2021

M Trafford

Chief Superintendent X - Area Commander - Mar 2021

Chief Superintendent X - Area Commander Feb 2019

N Bury

Christopher Allsop Chief Superintendent - Territorial Commander - Mar 2021

Chief Superintendent X - Territorial Commander - Jan 2017

P Rochdale

Chief Superintendent X - District Commander – Oct 2021

Christopher Allsop Chief Superintendent - Area Commander - Mar 2021

Q Bury

Rachael Harrison Chief Superintendent - Area Commander - Mar 2021

Christopher Allsop Chief Superintendent Territorial Commander - Mar 2020

Part 5

Please see attached the Data File.

Greater Manchester Police uses a collection of geographical areas called “footbeats” for the purposes of response and management. These areas are bespoke to Greater Manchester Police and are not coterminous with any of the administrative boundaries defined by the ONS and/or local councils. A table detailing the names for these areas is attached, including the OSGB36 “Centroid” of the associated polygonal region. Details of how the “centroid” is calculated can be found using the following link:

https://customer.precisely.com/s/article/How-MapInfo-Pro-Calculates-the-centroid-location?language=en_US#:~:text=For%20a%20region%2C%20the%20largest,assigned%20to%20be%20the%20centroid.

Part 6

We cannot provide descriptions of the areas, given the number and shape complexity, as evident in the attached Data File.

Footbeat_Name	District_Name
Strangeways	City of Manchester North
Smedley Lane	City of Manchester North
Redbank/North St	City of Manchester North
Fairy Lane	City of Manchester North
Cheetham Hill West	City of Manchester North
Crumpsall Park	City of Manchester North
Woodlands Park	City of Manchester North
Queens Park	City of Manchester North
Crumpsall	City of Manchester North
Higher Crumpsall	City of Manchester North
Pike Fold	City of Manchester North
Heaton Park	City of Manchester North
High Blackley West	City of Manchester North
High Blackley East	City of Manchester North
Belle Vue	City of Manchester North
Belle Vue	City of Manchester North
Gorton	City of Manchester North
Gorton	City of Manchester North
Gorton	City of Manchester North
Abbey Hey	City of Manchester North
Abbey Hey	City of Manchester North
Gorton	City of Manchester North
Gorton	City of Manchester North
Gorton	City of Manchester North
Gorton	City of Manchester North
Debdale	City of Manchester North
Debdale	City of Manchester North
White Moss	City of Manchester North
Boggart Hole Clough	City of Manchester North
Charlestown	City of Manchester North
Blandford	City of Manchester North
Broadhurst Park	City of Manchester North
Fairway/Links	City of Manchester North
New Moston	City of Manchester North
Harpurhey West	City of Manchester North
Harpurhey North	City of Manchester North
Harpurhey East	City of Manchester North
Monsall	City of Manchester North
Collyhurst North	City of Manchester North
Collyhurst South	City of Manchester North
Collyhurst West	City of Manchester North
Philips Park	City of Manchester North
Clayton	City of Manchester North
Holst Town	City of Manchester North
Beswick & Ancoats	City of Manchester North
Lower Openshaw	City of Manchester North
Higher Openshaw	City of Manchester North
Ancoats	City of Manchester North
Ancoats	City of Manchester North

Miles Platting North	City of Manchester North
Miles Platting South	City of Manchester North
Grimshaw Lane	City of Manchester North
Lower Briscoe	City of Manchester North
Culcheth/Brookdale	City of Manchester North
Hulme	City of Manchester Central
Hulme	City of Manchester Central
Hulme	City of Manchester Central
Moss Side	City of Manchester Central
Hulme	City of Manchester Central
Moss Side	City of Manchester Central
University	City of Manchester Central
University	City of Manchester Central
Moss Side	City of Manchester Central
Moss Side	City of Manchester Central
University	City of Manchester Central
Moss Side	City of Manchester Central
Moss Side	City of Manchester Central
Moss Side	City of Manchester Central
Rusholme	City of Manchester Central
Victoria Park	City of Manchester Central
Rusholme	City of Manchester Central
Rusholme	City of Manchester Central
Rusholme	City of Manchester Central
Longsight	City of Manchester Central
Longsight	City of Manchester Central
Longsight	City of Manchester Central
Longsight	City of Manchester Central
Longsight	City of Manchester Central
Ardwick	City of Manchester Central
West Gorton	City of Manchester Central
West Gorton	City of Manchester Central
Chorlton on Medlock	City of Manchester Central
Chorlton on Medlock	City of Manchester Central
Chorlton on Medlock	City of Manchester Central
Longsight	City of Manchester Central
Longsight	City of Manchester Central
Longsight	City of Manchester Central
Museums	City of Manchester Central
Castle Street	City of Manchester Central
Chinatown	City of Manchester Central
St Ann's	City of Manchester Central
Arndale/King Street	City of Manchester Central
Courts	City of Manchester Central
The Village	City of Manchester Central
Piccadilly Gardens	City of Manchester Central
Piccadilly Station	City of Manchester Central
Northern Quarter	City of Manchester Central
G-Mex	City of Manchester Central
Hulme Street	City of Manchester Central

Umist	City of Manchester Central
Whalley Range	City of Manchester South
Whalley Range	City of Manchester South
Whalley Range	City of Manchester South
Whalley Range	City of Manchester South
Whalley Range	City of Manchester South
Chorlton on Medlock	City of Manchester South
Chorlton on Medlock	City of Manchester South
Chorlton on Medlock	City of Manchester South
Chorlton on Medlock	City of Manchester South
West Didsbury	City of Manchester South
Didsbury	City of Manchester South
Fog Lane Park	City of Manchester South
Didsbury	City of Manchester South
East Didsbury	City of Manchester South
Whalley Range	City of Manchester South
Fallowfield	City of Manchester South
Fallowfield	City of Manchester South
Fallowfield	City of Manchester South
Fallowfield	City of Manchester South
Fallowfield	City of Manchester South
Fallowfield	City of Manchester South
Fallowfield	City of Manchester South
Withington	City of Manchester South
Ladybarn	City of Manchester South
Withington	City of Manchester South
Burnage	City of Manchester South
Green End	City of Manchester South
Levenshulme	City of Manchester South
Levenshulme	City of Manchester South
Levenshulme	City of Manchester South
Northern Moor	City of Manchester South
Northern Moor	City of Manchester South
Northenden	City of Manchester South
Brooklands	City of Manchester South
Baguley	City of Manchester South
Roundthorn	City of Manchester South
Baguley	City of Manchester South
Newall Green	City of Manchester South
Benchill	City of Manchester South
Sharston	City of Manchester South
Wythenshawe	City of Manchester South
Peel Hall	City of Manchester South
Woodhouse Park	City of Manchester South
Moss Nook	City of Manchester South
Ringway	City of Manchester South
Langley Road South East	Salford
Whit Lane	Salford
Orchard Trading Estate	Salford
Duchy	Salford

Travelling Community and Showmans Guild	Salford
Suffolk / Norfolk Street Estate	Salford
Cromwell	Salford
St. George's	Salford
Brindle Heath	Salford
Castle Irwell	Salford
Dog Track (Estate)	Salford
Gerald Road South East	Salford
London Street Estate	Salford
Strawberry Road	Salford
University Campus	Salford
Trinity	Salford
Blackfriars	Salford
Pendlebury and Hospital	Salford
Oakwood	Salford
Hope	Salford
Claremont and Lightoaks Park	Salford
Irlams-O'-th'-height	Salford
Irlams-O'-th'-height and Chaseley Field	Salford
Seedley including Sutton	Salford
Pendleton, The Precint, Broadwalk and Shopping Centre	Salford
Langworthy	Salford
Clarendon	Salford
Hope and Hospital	Salford
Fairhope and Cholmondeley	Salford
Canterbury Gardens	Salford
Weaste	Salford
New Weaste	Salford
Western Park	Salford
The Quays	Salford
Regent Road Industrial Estate	Salford
Ordsall	Salford
Trinity / Islington	Salford
Trinity / Blackfriars	Salford
Clifton and Clifton Country Park	Salford
Clifton Green / Clifton Junction	Salford
Pendlebury	Salford
Agecroft	Salford
Wardley	Salford
Cemetery Road	Salford
Ackworth Road	Salford
Newtown / Little Moss	Salford
St. Peter's	Salford
Moorside	Salford
The Poets / Beech Farm	Salford
Swinton Town Centre	Salford
Swinton South	Salford
The Valley / Overdale	Salford
Castlewood	Salford
Sports Village	Salford

Lower Kersal South East	Salford
Lower Kersal Estate	Salford
Kersal	Salford
Broughton Park	Salford
Cheetham Hill	Salford
The Cliff	Salford
Higher Broughton	Salford
Albert Park	Salford
Spike Island	Salford
New Broughton	Salford
Lower Broughton Teneriffe Street	Salford
Cadishead Moss	Salford
Cadishead	Salford
Lower Irlam	Salford
Irlam Moss	Salford
Moss Vale	Salford
Higher Irlam	Salford
Salteye	Salford
Brookhouse	Salford
Alder Park	Salford
Westwood Park	Salford
Winton	Salford
Peel Green North	Salford
Peel Green South	Salford
Patricroft	Salford
Barton	Salford
Monton	Salford
Ellesmere Park	Salford
Eccles	Salford
Captain Fold	Salford
Amblecote	Salford
Baron Fold	Salford
Kenyon	Salford
Peel	Salford
Quarry Pond	Salford
Armitage	Salford
Mount Skip	Salford
Oakhill Trading Estate	Salford
Bridgewater Street	Salford
St. Mary's	Salford
Brackley Street	Salford
Walkden Town Centre	Salford
Blackleach Area	Salford
Whittle Street	Salford
Linnyslaw	Salford
Bridgewater Road	Salford
Whittle Brook	Salford
Broadway	Salford
Parr Fold	Salford
Mesne Lea	Salford

Birch Road Area	Salford
Golf course	Salford
Ellenbrook	Salford
Standfield	Salford
Vicars Hall	Salford
Booths Hall	Salford
Worsley	Salford
St. Mark's	Salford
Roe Green	Salford
Hazelhurst	Salford
Broad oak Park	Salford
Moorside	Salford
Dukinfield North	Tameside
Dukinfield South	Tameside
Yew Tree , Dukinfield	Tameside
St John's	Tameside
Ridgehill	Tameside
Copley, Millbrook	Tameside
Mottram Rise	Tameside
Castel Hall	Tameside
Armentieres	Tameside
Rassbottom	Tameside
Buckton Vale	Tameside
Top Mossley	Tameside
Bottom Mossley	Tameside
Cockbrook	Tameside
Hurst, Smallshaw	Tameside
St Albans	Tameside
Parkbridge	Tameside
Ashton Town Centre	Tameside
Lordsfield	Tameside
Waterloo, Limehurst	Tameside
Charlestown	Tameside
West End	Tameside
Richmond Park	Tameside
Crowhill	Tameside
Flowery Field	Tameside
Newton, Hyde	Tameside
Godley, Hyde	Tameside
Hyde Town Centre	Tameside
St Georges	Tameside
Gee Cross, Hyde	Tameside
Mottram Rise	Tameside
Hattersley	Tameside
Broadbottom	Tameside
Harehill	Tameside
Hollingworth	Tameside
Lewis Road	Tameside
Fairfield	Tameside
Droylsden East	Tameside

Littlemoss	Tameside
Greenside	Tameside
Market Street	Tameside
Audenshaw	Tameside
Shepley	Tameside
Haughton Green West	Tameside
Yew Tree	Tameside
Danebank	Tameside
Audenshaw South	Tameside
Broomstairs	Tameside
Haughton Green East	Tameside
Car Park Long Stay	Manchester Airport
Car Park Staff Area	Manchester Airport
Car Park T2 Multi	Manchester Airport
Building Terminal	Manchester Airport
T2 surrounding Area	Manchester Airport
Car Park T1A Multi	Manchester Airport
Car Park T1B Multi	Manchester Airport
Hilton Hotel/Thorl	Manchester Airport
Forte Crest Hotel/	Manchester Airport
Car Park Long Stay	Manchester Airport
Car Park Long Stay	Manchester Airport
Term 1A/Pier All L	Manchester Airport
Term 1B/Tower/1B i	Manchester Airport
T1A/T1B/Sur/Oly HS	Manchester Airport
Building 300,307,3	Manchester Airport
Building 301-305 &	Manchester Airport
Build 308/CP/Cargo	Manchester Airport
Ctrl land/hngers 1-	Manchester Airport
Dev area/runger la	Manchester Airport
Cargo/surr/Romper/	Manchester Airport
Aviation Viewing A	Manchester Airport
Oth build/hngr 522	Manchester Airport
All Airside/Pier B	Manchester Airport
Town Centre	Stockport
Peel Centre	Stockport
Shaw Heath	Stockport
Woodbank	Stockport
Hillgate/Heaviley	Stockport
Alexandra Park	Stockport
Edgeley	Stockport
Cheadle Heath	Stockport
Brinnington	Stockport
South Reddish	Stockport
Adswood/Bridgehall	Stockport
Adswood/Bridgehall	Stockport
Heald Green	Stockport
Heald Green	Stockport
Bramhall South/Woodford	Stockport
Gatley	Stockport

Cheadle	Stockport
Cheadle Hulme	Stockport
Cheadle Hulme	Stockport
Bramhall North	Stockport
Bramhall North	Stockport
Werneth	Stockport
Werneth	Stockport
Marple Bridge	Stockport
Marple North	Stockport
Marple South	Stockport
High Lane	Stockport
Offerton	Stockport
Offerton	Stockport
Stepping Hill/Davenport	Stockport
Stepping Hill/Davenport	Stockport
The Heaton	Stockport
The Heaton	Stockport
North Reddish	Stockport
Reddish	Stockport
Tonge Moor	Bolton
Tonge Fold	Bolton
Brightmet North	Bolton
Brightmet South	Bolton
Bradshaw	Bolton
Bromley Cross	Bolton
Astley Bridge	Bolton
Crompton East	Bolton
Hall Ith Wood	Bolton
Little Lever	Bolton
Darcy Lever	Bolton
Great Lever North	Bolton
Great Lever East	Bolton
Great Lever South	Bolton
Great Lever West	Bolton
Town Centre	Bolton
Rumworth	Bolton
The Haulgh	Bolton
Farnworth Town Centre North	Bolton
New Bury	Bolton
Moses Gate West	Bolton
Moses Gate East	Bolton
Farnworth Town Centre South	Bolton
Kearsley	Bolton
Ringley And Prestolee	Bolton
Minerva Road	Bolton
Harper Green North	Bolton
Highfield	Bolton
Flower Pot	Bolton
Over Hulton	Bolton
Middle Hulton	Bolton

Halliwell	Bolton
Horwich North	Bolton
Horwich East	Bolton
Blackrod	Bolton
Horwich West	Bolton
Horwich South	Bolton
Smithills North	Bolton
Smithills South	Bolton
Crompton West	Bolton
Heaton And Lostock	Bolton
Chew Moor & Hunger Hill	Bolton
Westhoughton North	Bolton
Westhoughton South	Bolton
Daisy Hill	Bolton
Hindley	Wigan
Borsdane	Wigan
Spring View	Wigan
Platt Bridge	Wigan
Bamfurlong	Wigan
Abram	Wigan
Bickershaw	Wigan
Hindley East	Wigan
Hindley South	Wigan
Hindley Green	Wigan
Astley Common Moss	Wigan
Atherton	Wigan
Tyldesley	Wigan
Wigan Central	Wigan
Scholes	Wigan
Higher Ince	Wigan
Lower Ince	Wigan
Leigh South	Wigan
Leigh East	Wigan
Leigh West	Wigan
Atherleigh	Wigan
Golborne & Lowton West	Wigan
Lowton East	Wigan
Worsley Mesnes	Wigan
Winstanley	Wigan
Orrell	Wigan
Stubshaw Cross	Wigan
Ashton Town Green	Wigan
Ashton Heath	Wigan
Ashton-in-Makerfield	Wigan
Landgate	Wigan
Rose Hill	Wigan
Ashton-in-Makerfield North	Wigan
Worsley Hall	Wigan
Robin Park	Wigan
Norley	Wigan

Redwood	Wigan
Kitt Green	Wigan
Marsh Green	Wigan
Wigan West	Wigan
Shevington with Lower Ground	Wigan
Standish with Langtree	Wigan
Wigan Central	Wigan
Aspull New Springs Whelley	Wigan
Ashton Upon Mersey West	Trafford
Ashton Upon Mersey East	Trafford
Sale	Trafford
Sale Town Centre	Trafford
St. Marys East	Trafford
St. Marys West	Trafford
Brooklands	Trafford
Sale Moor North	Trafford
Sale Moor South	Trafford
Clifford North	Trafford
Clifford South	Trafford
Longford West	Trafford
Longford East	Trafford
Stretford	Trafford
Stretford Town Centre	Trafford
Trafford Park	Trafford
Dunham	Trafford
Bowdon	Trafford
West Timperley	Trafford
Broadheath	Trafford
Broadheath Retail Park	Trafford
Timperley Central	Trafford
Timperley East	Trafford
Timperley South	Trafford
Altrincham West	Trafford
Altrincham Town Centre	Trafford
Altrincham East	Trafford
Hale	Trafford
Hale Town Centre	Trafford
Hale Barns	Trafford
Trafford Retail Community	Trafford
Davyhulme East	Trafford
Davyhulme West	Trafford
Woodsend	Trafford
Flixton	Trafford
Urmston Town Centre	Trafford
Urmston	Trafford
Carrington	Trafford
Partington	Trafford
Moorside	Bury
East	Bury
Redvales	Bury

Ramsbottom	Bury
North Manor	Bury
Tottington	Bury
Elton	Bury
Church	Bury
Radcliffe North	Bury
Radcliffe West	Bury
Radcliffe East	Bury
Unsworth	Bury
Pilkington Park	Bury
Besses	Bury
Holyrood	Bury
St Mary's	Bury
Sedgley	Bury
Kingsway Industrial Estate	Rochdale
Turf Hill	Rochdale
Lowerplace	Rochdale
Sandfield	Rochdale
Newbold and Waithlands	Rochdale
Palatine and Rosefield	Rochdale
Newbold Brow	Rochdale
Kirkholt	Rochdale
Dicken Green and Wellfield	Rochdale
Balderstone and Buersil	Rochdale
New Broad Lane	Rochdale
Summit	Rochdale
Summit Farmland	Rochdale
Meadway and Sudden	Rochdale
Castleton East	Rochdale
Castleton West	Rochdale
Chesham and Slattocks	Rochdale
Castleton Industrial	Rochdale
Castleton Farmland	Rochdale
Stake Hill	Rochdale
Old Brow	Rochdale
Birch Hill	Rochdale
Wardle	Rochdale
Starring	Rochdale
Stubley	Rochdale
Dearnley	Rochdale
Wardle Farmland	Rochdale
Littleborough Town Centre	Rochdale
Caldermoor	Rochdale
Stansfield and Summit	Rochdale
Hollingworth and Akzo	Rochdale
Lydgate and Ealees	Rochdale
Smithybridge	Rochdale
Littleborough Farmland	Rochdale
Milnrow	Rochdale
Silver Hill	Rochdale

Newhey	Rochdale
Bentgate	Rochdale
Ladyhouse	Rochdale
Milnrow Farmland	Rochdale
Hurstead and Green Meadow	Rochdale
Great Howarth	Rochdale
Smallbridge and Buckley	Rochdale
Belfield	Rochdale
Firgrove Fields	Rochdale
Firgrove	Rochdale
The Cray	Rochdale
Chichester Street and Old Sidiings	Rochdale
Wardleworth	Rochdale
Townhead and Foxholes	Rochdale
Falinge	Rochdale
Lower Falinge and College Bank	Rochdale
Oakenrod and Half Acre	Rochdale
Brimrod	Rochdale
Marland	Rochdale
Roch Valley	Rochdale
Broadhalgh	Rochdale
Bamford	Rochdale
Elmsfield and Shelfield	Rochdale
Norden	Rochdale
Woodhouse	Rochdale
Caldershaw	Rochdale
Norden Farmland	Rochdale
Greave	Rochdale
Passmonds	Rochdale
Cutgate	Rochdale
Brotherod and Stone Hill	Rochdale
Spotland Fold and Meanwood	Rochdale
Spotland	Rochdale
Rooley Moor	Rochdale
Shawclough	Rochdale
Healey	Rochdale
Thrum Hall	Rochdale
Syke and Fieldhouse	Rochdale
Healey Farmland	Rochdale
Sparthbottoms	Rochdale
Freehold	Rochdale
Milkstone	Rochdale
Deeplish	Rochdale
Merefield and Long Hill	Rochdale
Rochdale Town Centre North	Rochdale
Rochdale Town Centre South	Rochdale
Middleton Town Centre	Rochdale
Cheapside	Rochdale
Boarshaw	Rochdale
Stannycliffe	Rochdale

North Middleton Farmland	Rochdale
Alkrington East	Rochdale
Moorclose and Mills Hill	Rochdale
Blackley Golf Course	Rochdale
Limefield	Rochdale
South Middleton Farmland	Rochdale
Rhodes	Rochdale
Alkrington Woods	Rochdale
Alkrington West	Rochdale
Baguley Crescent	Rochdale
Towncroft	Rochdale
Langley West	Rochdale
Langley East	Rochdale
Hollins	Rochdale
West Middleton Farmland	Rochdale
Bowlee and Birch	Rochdale
Heywood Town Centre	Rochdale
Back o'th Moss	Rochdale
North Heywood Farmland	Rochdale
Captain Fold	Rochdale
Hopwood North	Rochdale
Angel Meadow	Rochdale
Broadfield	Rochdale
Darnhill	Rochdale
Heady Hill	Rochdale
Summit	Rochdale
Farmland and Prettywood	Rochdale
Heywood Industrial Estate West	Rochdale
Siddal Moor and Newhouse	Rochdale
Hopwood and Lane End	Rochdale
Birch and Doctor Fold	Rochdale
Heywood Industrial Estate East	Rochdale
Coldhurst	Oldham
Alexandra	Oldham
Oldham town centre	Oldham
St Marys	Oldham
Waterhead	Oldham
St James	Oldham
Saddleworth South	Oldham
Saddleworth North	Oldham
Saddleworth West and Lees	Oldham
Royton North	Oldham
Royton South	Oldham
Shaw	Oldham
Crompton	Oldham
St Pauls	Oldham
Failsworth West	Oldham
Failsworth East	Oldham
Hollinwood	Oldham
Werneth	Oldham

Chadderton North	Oldham
Chadderton Central	Oldham
Chadderton South	Oldham

BCU_Name	Easting (OSGB36)	Northing (OSGB36)	Area_SqKm (Cartesian)
City of Manchester	383814.17	399748.82	0.919952
City of Manchester	384659.26	400359.84	0.607537
City of Manchester	384486.64	399633.3	0.404323
City of Manchester	383490.83	400331.25	0.398597
City of Manchester	383981.45	401030.98	0.688607
City of Manchester	384522.8	401979.73	1.03409
City of Manchester	384659.2	401465.86	0.693036
City of Manchester	385291.59	401162.05	0.474823
City of Manchester	383685.74	402500.15	0.667092
City of Manchester	384662.65	402526.2	0.895389
City of Manchester	385485.15	402936.05	0.579874
City of Manchester	383282.24	404251.34	2.72106
City of Manchester	384476.98	403772.2	2.01478
City of Manchester	385478.43	404204.97	2.30973
City of Manchester	387574.17	396745	0.617341
City of Manchester	387458.5	396210.41	0.353212
City of Manchester	387848.6	395933.9	0.390756
City of Manchester	388189.86	396575.04	0.744221
City of Manchester	388645.24	396015.77	0.179873
City of Manchester	389093.1	396436.58	0.566341
City of Manchester	389833.71	396639.86	0.663172
City of Manchester	388023.68	394235.72	0.622976
City of Manchester	388121.33	394859.93	0.757921
City of Manchester	388315.54	395237.08	0.809321
City of Manchester	388763.38	395588.06	0.310177
City of Manchester	389537.03	395439.8	0.336241
City of Manchester	389700.84	396093.63	0.477218
City of Manchester	386730.43	403474.29	1.08432
City of Manchester	386475.82	402673.73	0.521788
City of Manchester	387620.79	403145.48	1.44707
City of Manchester	388400.69	402912.02	0.582493
City of Manchester	387617.45	401986.55	1.19446
City of Manchester	388350.36	401758.4	0.90559
City of Manchester	389224.7	402502.63	0.686009
City of Manchester	385981.19	401539.9	1.0791
City of Manchester	386250.39	402264.21	0.82954
City of Manchester	387126.7	401123.42	1.36567
City of Manchester	385972.96	400396.16	0.571049
City of Manchester	385701.73	400230.28	0.279632
City of Manchester	385509.27	399552.31	0.396427
City of Manchester	384965.77	399966.22	0.525308
City of Manchester	387164.61	399082.64	1.42573
City of Manchester	388342.04	398747.82	1.40335
City of Manchester	386168.44	398662.78	0.754531
City of Manchester	386291.44	397859.55	1.54805
City of Manchester	387853.1	397702.43	1.61745
City of Manchester	389206.6	397553.52	1.23424
City of Manchester	384760.47	398826	0.450701
City of Manchester	385087.89	398521.54	0.469929

City of Manchester	386101.15	399103.53	0.366546
City of Manchester	385797.29	399380.44	0.491073
City of Manchester	386843.96	400040.63	0.768095
City of Manchester	387597.61	400089.79	0.977867
City of Manchester	388307.2	400320.39	1.71724
City of Manchester	382652.59	396970.01	0.449363
City of Manchester	383371.47	396934.05	0.350204
City of Manchester	383407.84	396511.62	0.413199
City of Manchester	383534.54	396071.71	0.174585
City of Manchester	384066.71	396659.86	0.371996
City of Manchester	384141.85	396070.51	0.335082
City of Manchester	384444.96	396674.65	0.297867
City of Manchester	384680.29	396775.58	0.290569
City of Manchester	383139.63	395580.01	0.23803
City of Manchester	383380.55	395500.28	0.334038
City of Manchester	384738.93	395964.36	0.244003
City of Manchester	384466.92	395683.72	0.257548
City of Manchester	384327.43	395329.69	0.350274
City of Manchester	384335.57	394935.12	0.413343
City of Manchester	385084.59	395151.87	0.272899
City of Manchester	385439.47	395248.03	0.39828
City of Manchester	385847.42	394856.42	0.541505
City of Manchester	386011.97	394340.77	0.186483
City of Manchester	386674.91	394395.5	0.216819
City of Manchester	386205.35	395583.85	0.45587
City of Manchester	386294.42	394785.17	0.352704
City of Manchester	386753.97	395066.69	0.310154
City of Manchester	387045.37	395295.47	0.51567
City of Manchester	387416.24	395490.55	0.220536
City of Manchester	385455.73	397289.48	0.471007
City of Manchester	386346.89	397203.98	0.509125
City of Manchester	386690.92	396891.01	0.399586
City of Manchester	384896.92	397108.7	0.295644
City of Manchester	385322.98	396698.3	0.393576
City of Manchester	386015.04	396296.59	0.261636
City of Manchester	386158.3	396376.4	0.768499
City of Manchester	385643.85	396138.99	0.409807
City of Manchester	385200.33	396041.07	0.288469
City of Manchester	383130.34	397833.91	0.258436
City of Manchester	382990.05	397605.75	0.209866
City of Manchester	384218.25	398044.55	0.0852685
City of Manchester	383734.44	398661.13	0.274958
City of Manchester	384137.02	398530.44	0.278198
City of Manchester	383567.83	398126.42	0.228175
City of Manchester	384370.36	397839.55	0.266462
City of Manchester	384508.7	398389.32	0.146814
City of Manchester	385173.61	397866.57	0.563422
City of Manchester	384675.05	398476.5	0.277133
City of Manchester	383644.86	397533.27	0.259953
City of Manchester	383633.18	397307.29	0.381478

City of Manchester	384459.26	397514.82	0.200199
City of Manchester	382541.95	395202.98	0.700122
City of Manchester	382554.05	394312.31	0.498052
City of Manchester	382490.11	393834.29	0.388155
City of Manchester	383420.77	394826.54	0.474289
City of Manchester	383436.76	394481.82	0.297158
City of Manchester	381365.46	394449.38	0.973108
City of Manchester	381040.23	393428.9	1.51861
City of Manchester	382909.55	392892.85	2.78212
City of Manchester	382071.03	392153.46	2.01355
City of Manchester	384292.31	391896.11	0.877617
City of Manchester	383676.35	391043.91	1.94023
City of Manchester	385177.25	391803.6	1.12113
City of Manchester	385262.18	390900.35	0.698372
City of Manchester	384889.52	389964.53	1.73216
City of Manchester	383412.33	394008.97	0.533897
City of Manchester	384447.53	394467.97	0.651678
City of Manchester	384871.74	393964.34	0.42511
City of Manchester	385059.11	394388.78	0.57304
City of Manchester	385726.53	394119.35	0.0844113
City of Manchester	386306.92	394123.81	0.221967
City of Manchester	386188.4	393859.34	0.0879261
City of Manchester	384676.3	393451.79	1.01112
City of Manchester	384212.8	392825.3	0.722922
City of Manchester	385810.15	393397.8	0.677155
City of Manchester	385406.29	392809.06	0.924993
City of Manchester	386545.68	392649.87	1.30969
City of Manchester	386078.29	391612.52	1.00824
City of Manchester	386608.07	393967.25	0.527643
City of Manchester	387317.76	393655.61	0.742468
City of Manchester	387956.59	393573.29	0.766532
City of Manchester	381927.11	390904.7	1.42825
City of Manchester	382818.38	390450.68	2.23508
City of Manchester	382846.23	389458.24	0.811199
City of Manchester	379684.85	389927.3	1.2512
City of Manchester	381244.04	390198.7	2.10782
City of Manchester	380176.4	388887.11	0.792357
City of Manchester	381356.4	388920.78	1.6141
City of Manchester	381006.14	387548.75	2.21981
City of Manchester	382483.05	388594.5	0.920854
City of Manchester	383461.7	388229.65	1.23542
City of Manchester	382425.26	387658.93	0.78704
City of Manchester	383466.17	386959.63	1.40487
City of Manchester	381836.63	386639.75	2.06215
City of Manchester	383268.61	385848.69	2.23826
City of Manchester	379984.17	384216.63	1.50339
Salford	380646.62	400821.2	0.155353
Salford	381069.68	400462.77	0.346057
Salford	380925.1	400231.37	0.0898697
Salford	380180.18	400368.69	0.557004

Salford	380727.61	400038.78	0.0481255
Salford	381534.14	400276.63	0.088828
Salford	381529.79	400011.48	0.0653628
Salford	381251.37	399921.93	0.103885
Salford	380950.82	399939.23	0.316741
Salford	382090.74	400790.32	0.555426
Salford	382063.52	400144.77	0.0657288
Salford	381961.55	399955.98	0.121008
Salford	381678.25	399715.95	0.264972
Salford	381411.27	399395.51	0.126203
Salford	382099.44	399046.96	0.746867
Salford	382983.93	398942.42	0.421772
Salford	383240.4	399139.85	0.174211
Salford	379112.82	401004.34	0.410956
Salford	378506.3	400365.78	0.205639
Salford	378570.18	399994.84	0.134404
Salford	378894.87	400262.64	0.621027
Salford	379862.49	400056.62	0.522279
Salford	380453.44	399708.21	0.188748
Salford	380386.24	399452.84	0.420673
Salford	381302.67	399031.64	0.423916
Salford	380652.58	398755.73	0.71741
Salford	381267.52	398610.48	0.274375
Salford	378507.48	399219.6	0.549409
Salford	379155.78	399580.71	0.353168
Salford	378481.42	398756.61	0.105896
Salford	379475.42	399027.05	0.99926
Salford	379337.07	398102.86	1.53275
Salford	380262.24	397807.43	0.158008
Salford	380824.94	397438.53	1.59853
Salford	381886.09	398287.33	0.506603
Salford	381953.32	397401.38	1.03619
Salford	382555.03	398382.01	0.749062
Salford	383531.17	398932.6	0.087126
Salford	377512.15	403889.44	1.50948
Salford	378906.15	402920.48	2.13916
Salford	378681.49	401898.67	1.26301
Salford	380037.26	401417.23	1.98276
Salford	376593.78	402338.29	1.72173
Salford	377159.51	402554.34	0.399551
Salford	377405.94	402474.61	0.0325862
Salford	377761.64	402563.17	0.432614
Salford	377495.09	402000.23	0.115702
Salford	376755.34	401727.13	0.278009
Salford	377127.21	401666.41	0.513037
Salford	377770.48	401809.01	0.156333
Salford	377478.67	400948.53	2.53284
Salford	378040.38	401049.26	0.11712
Salford	381116	401630.77	0.119477
Salford	381200.44	401077.48	0.408223

Salford	381451.33	400619.2	0.0891713
Salford	381346.93	401145.97	0.404087
Salford	381849.49	401832.78	0.907036
Salford	382966.56	401849.87	1.08734
Salford	383640.17	401751.6	0.117832
Salford	382431.09	400864.83	0.396923
Salford	383147.87	400924.27	0.858134
Salford	382614.21	400211.9	0.321188
Salford	382398.53	399244.04	0.347749
Salford	382619.86	399850.66	0.316033
Salford	383176.28	399845.35	0.434665
Salford	370237.13	394572.05	9.35362
Salford	371264.32	392373.08	3.01773
Salford	371703.34	393961.93	2.38389
Salford	373292.06	396146.22	5.80659
Salford	372299.6	395468.95	0.373108
Salford	371944.01	395218.56	1.94895
Salford	374560.04	396593.16	1.21988
Salford	374532.42	398227.9	1.39624
Salford	375290.94	399576.41	0.579838
Salford	375878.65	399568.67	0.294504
Salford	375708.79	399053.07	0.758851
Salford	375760.31	398168.24	0.671662
Salford	375556.23	397580.17	0.900862
Salford	376600.3	398259.02	0.606227
Salford	377111.41	398063.44	1.02418
Salford	376834.06	399475.93	0.66477
Salford	377677.33	399543.08	1.13204
Salford	377250.52	398877.41	0.934334
Salford	371492.75	404631.31	0.851462
Salford	372232.25	404459.81	0.335125
Salford	371858.47	404207.93	0.196525
Salford	370997.16	403750.66	1.42291
Salford	371689.82	403817.25	0.203547
Salford	372090.23	403511.73	0.184182
Salford	372200.41	403172.32	1.06103
Salford	372463.85	404123.61	0.572257
Salford	373249.91	404545.28	0.186134
Salford	372999.64	403811.42	0.34459
Salford	373125.86	403983.9	0.284044
Salford	373384.14	403480.02	0.174867
Salford	373495.04	403341.49	0.112791
Salford	373866.12	403769.14	0.355269
Salford	374075.35	403328.04	0.446028
Salford	375074.55	403698.77	2.00215
Salford	373251.41	402973.71	0.584626
Salford	374345.63	402837.8	0.468286
Salford	373228.39	402117.64	0.9158
Salford	373620.26	402371.28	0.197385
Salford	374220.96	402016.82	0.143254

Salford	374337.06	402262.48	0.534091
Salford	375264.02	402429.49	0.757337
Salford	372953.29	401503.36	0.730945
Salford	372609.92	401009.52	0.393355
Salford	371854.37	400759.12	0.427911
Salford	372510.42	399318.27	7.05432
Salford	374667.58	399775.72	3.88594
Salford	374441.51	401163.99	1.63446
Salford	374390.38	401498.54	0.741762
Salford	375974.42	401244.44	0.633046
Salford	376130.74	400257.68	0.860518
Salford	376782.86	400656.79	0.591971
Tameside	394085.5	398099.42	1.18325
Tameside	394213.56	397048.96	2.58076
Tameside	395970	397275	1.05662
Tameside	395527.15	397814.75	0.694171
Tameside	396345.06	399338.75	3.32091
Tameside	399616.01	399830	13.7849
Tameside	398153	397491.51	3.4962
Tameside	396366.7	397697.21	1.0409
Tameside	396379.73	398398.71	0.173443
Tameside	396206.63	398593.25	0.0983196
Tameside	398328.6	400911.74	2.34622
Tameside	397128.11	402053.04	4.31988
Tameside	399141.25	402081.81	5.15665
Tameside	394782.45	399118.78	1.57373
Tameside	395019.1	400006.39	0.647979
Tameside	394263.52	400408.49	1.41173
Tameside	395057.27	401668.82	3.46703
Tameside	393837.9	398960.64	0.608692
Tameside	393614.56	399939.58	0.397253
Tameside	393993.36	401444.32	2.06673
Tameside	394087.15	399736.7	0.262822
Tameside	392685.55	397737.92	1.69821
Tameside	392897.91	398917.12	1.01331
Tameside	392614.26	400175.16	2.02143
Tameside	394540.47	395880.3	1.99276
Tameside	396049	396219.57	2.40219
Tameside	396445.5	394656.34	3.73672
Tameside	394002.78	395103.98	0.503484
Tameside	394563.45	394411	1.28136
Tameside	396313.01	393217.7	5.42142
Tameside	398487.93	396007.34	3.23197
Tameside	398611.9	394709.15	1.50697
Tameside	399458.51	394425.52	3.84736
Tameside	397626.91	394756.46	0.770414
Tameside	400284.5	397072.98	3.05768
Tameside	389575.98	398754.1	1.11238
Tameside	389749.5	397793.5	0.768515
Tameside	390708.84	398239.21	0.493205

Tameside	391570.06	399357.16	1.5338
Tameside	390060.6	399096.45	1.16328
Tameside	390838.65	398740.11	0.429948
Tameside	391230.5	397463.25	3.79119
Tameside	392616.89	396443.71	0.897365
Tameside	392659.93	393848.63	1.42801
Tameside	391486.88	394478.69	2.68175
Tameside	390668.64	395348.18	2.44739
Tameside	392616.89	395965	1.69182
Tameside	393027	395025.26	1.06909
Tameside	393076.75	393858.88	1.45337
Manchester Airport	380971.85	385973.37	0.056659
Manchester Airport	381891.22	385535.82	0.0348549
Manchester Airport	381547.5	385724.36	0.0117446
Manchester Airport	381452.35	385586.13	0.0437279
Manchester Airport	381425.95	385726.39	0.596786
Manchester Airport	382143.23	384999.35	0.00519145
Manchester Airport	381905.5	385129.18	0.0128565
Manchester Airport	382104.09	385523.88	0.0162014
Manchester Airport	382215.1	385335.7	0.0436218
Manchester Airport	382407.42	385326.3	0.12001
Manchester Airport	382777.16	385319.39	0.032782
Manchester Airport	382312.92	384909.84	0.0596293
Manchester Airport	381904.5	385003.48	0.0319108
Manchester Airport	382917.3	385229.34	0.220414
Manchester Airport	380949.17	385193.77	0.0375414
Manchester Airport	380821.63	385184.27	0.0164526
Manchester Airport	380967.52	384959.65	0.0163189
Manchester Airport	381194.35	384668.85	0.216922
Manchester Airport	380542.74	385389.53	0.136082
Manchester Airport	380927.71	384507.51	0.557061
Manchester Airport	381255.93	383139.06	0.1067
Manchester Airport	381637.25	383607.56	0.089634
Manchester Airport	381964.32	384269.85	3.06635
Stockport	389458.61	390386.4	0.359615
Stockport	389944.33	390686.12	0.25866
Stockport	389987.55	389883.36	1.3258
Stockport	391133.58	390125.85	1.47348
Stockport	390579.3	389221.03	1.57178
Stockport	387424.48	389140.86	0.703276
Stockport	387796.85	389565	1.33145
Stockport	387273.06	389503.1	0.933502
Stockport	390873.71	392299.18	2.81416
Stockport	389497.15	390932.7	0.691586
Stockport	388396.31	388428.74	1.32556
Stockport	388984.45	388297.95	1.68472
Stockport	385414.17	385795.35	5.10921
Stockport	387130.95	385560.69	4.28066
Stockport	388889.45	383563.7	9.20958
Stockport	384507.6	388081.54	2.91034

Stockport	385913.91	388297.1	3.09167
Stockport	386970.86	388598.04	2.59553
Stockport	387132.3	387312.3	1.29125
Stockport	389479.05	387039.81	2.56234
Stockport	389479.05	386019.04	4.02411
Stockport	392708.42	392201.02	6.2083
Stockport	394002.76	390687.03	8.06061
Stockport	398043.65	389671.02	18.2597
Stockport	395036.15	388931.3	4.43513
Stockport	395831.79	387313.19	5.45839
Stockport	394928.05	386625.55	8.08249
Stockport	392388.6	388694.05	2.40106
Stockport	393062.26	388579.25	1.92214
Stockport	391020.2	387052.05	2.48706
Stockport	391979.3	386415.65	5.38313
Stockport	387428.9	390746.4	3.91852
Stockport	387596.3	392272.34	3.4449
Stockport	389528.85	394257.32	2.64369
Stockport	389521.7	392555.75	3.82297
Bolton	373066.72	410556.08	0.743463
Bolton	373091.59	409562.85	1.51403
Bolton	374441.17	410084.38	2.00134
Bolton	374436.65	408905.82	1.70932
Bolton	374590.16	412658.98	9.27839
Bolton	371928.65	414149.62	6.98423
Bolton	370669.65	412923.4	6.59297
Bolton	371926.78	410499.52	1.25442
Bolton	372659.93	410948.72	1.14426
Bolton	375338.16	407205.08	3.70569
Bolton	373519.39	408059.96	1.45236
Bolton	371295.46	407964.46	0.537042
Bolton	372458.52	407850.17	1.35361
Bolton	372396.15	407307.83	0.839925
Bolton	371144	407417.59	0.480454
Bolton	371598.84	409004.33	1.30339
Bolton	370216.97	408069.02	1.89457
Bolton	372723.18	409178.14	0.808927
Bolton	373952.83	406019.12	0.652497
Bolton	372890.95	405371.1	1.60228
Bolton	373124.42	406495.78	0.851665
Bolton	374032.31	406834.66	1.24678
Bolton	374074.04	405268.42	0.892213
Bolton	375433.43	404626.83	3.46698
Bolton	376143.35	405295.16	3.3287
Bolton	371399.69	406388.49	1.11883
Bolton	371217.86	407015.36	0.76398
Bolton	371618.92	405449.2	0.880717
Bolton	372476.86	406364.91	0.384329
Bolton	369397.67	404799.92	6.44495
Bolton	369555.72	406914.33	4.04381

Bolton	370740.83	409673.82	2.52873
Bolton	365880.65	412834.22	6.5729
Bolton	365639.85	410477.37	3.58467
Bolton	361012.72	410662.8	8.17528
Bolton	363178.12	410948.16	1.83521
Bolton	364694.33	409688.14	4.75144
Bolton	368226.9	412321.79	9.59014
Bolton	368583.14	410210.7	1.42153
Bolton	370865.27	410849.56	0.965759
Bolton	367949.01	409219.34	8.07074
Bolton	366618.21	407620.86	4.04781
Bolton	365129.77	406882.56	12.6834
Bolton	364460.95	405779	2.08915
Bolton	364665.64	404203.9	4.20817
Wigan	361442.39	404427.97	3.44202
Wigan	362534.85	404864.18	1.56077
Wigan	359837.08	403329.84	2.23074
Wigan	360574.58	402827.37	1.6453
Wigan	359794.91	400970.19	3.81552
Wigan	361169.6	401875.68	3.14337
Wigan	362630.36	401684.86	2.23182
Wigan	363047.14	403875.43	0.805505
Wigan	362542.35	403406.94	0.611949
Wigan	363602.3	403256.35	2.78817
Wigan	369879.84	399499.39	17.6181
Wigan	368021.18	403549.17	6.34036
Wigan	369520.17	402336.65	5.54617
Wigan	358103.25	405948.86	0.674902
Wigan	359210.73	405563.4	0.941911
Wigan	360206.52	405739.95	2.71762
Wigan	359714.01	404419.6	1.01783
Wigan	366644.18	398659.46	6.54579
Wigan	367326.65	400695.58	4.96952
Wigan	363427.79	401162.6	7.33013
Wigan	366270.02	402368.45	4.11347
Wigan	361128.57	398173.46	8.14743
Wigan	362641.17	397275.37	11.1932
Wigan	357702.35	403625.41	5.95016
Wigan	355318.65	402754.67	6.17222
Wigan	353156.11	403672.25	8.86933
Wigan	359114.54	400491.57	2.62286
Wigan	358572.79	399466.09	1.21088
Wigan	358105.52	398937.47	1.83731
Wigan	357734.29	399099.56	0.16566
Wigan	357284.66	401580.55	1.83296
Wigan	355969.69	400870.93	2.74178
Wigan	357268.93	400312.88	2.23984
Wigan	356114.33	404884.57	1.95416
Wigan	357422.83	405524.52	1.84822
Wigan	355492.53	405242.66	1.06742

Wigan	354670.71	404467.95	1.0639
Wigan	354373.88	405584.2	1.65245
Wigan	355101.82	406571.02	2.45301
Wigan	356579.61	406902.67	2.69137
Wigan	354692.83	409100.93	8.96344
Wigan	355996.5	410057.34	10.4381
Wigan	358548.57	407087.76	2.86388
Wigan	359738.71	409138.72	20.0731
Trafford	376699.51	392961.45	1.09366
Trafford	377992.35	392516.09	2.30343
Trafford	379545.39	392391.1	2.96843
Trafford	378777.04	392036.14	0.265965
Trafford	376928.26	391429.29	1.74473
Trafford	376252.81	391160.6	0.927171
Trafford	378559.55	390791.55	2.23373
Trafford	379845.34	391809.1	1.6754
Trafford	380554.91	391050.03	1.16589
Trafford	381874.73	396775.41	0.572377
Trafford	382571.86	395952.02	1.29137
Trafford	378182.43	395575.8	2.13819
Trafford	380952.25	394827.52	3.48256
Trafford	378953.85	394056.44	2.64486
Trafford	379574.35	394324.28	0.581985
Trafford	379024.43	396739.76	6.71251
Trafford	372633.9	388107.19	15.3147
Trafford	375136.1	386886.9	8.07491
Trafford	376365.75	389900.35	2.84425
Trafford	375879.86	389875.43	0.659584
Trafford	376065.7	389036.38	0.675737
Trafford	378129.75	389384.15	2.06974
Trafford	379178.05	389218.75	1.43826
Trafford	379578.88	388564.79	0.745552
Trafford	376517.9	388331.6	1.8389
Trafford	376705.9	387783.19	0.73605
Trafford	377582.5	387961.35	0.636961
Trafford	377581	386648.1	2.12124
Trafford	377096.86	386959.64	0.427345
Trafford	379280	386510.6	8.38211
Trafford	376862.65	396662.15	2.21644
Trafford	376862.65	396175	1.97083
Trafford	375023.32	396061.85	3.09974
Trafford	373333.25	394560.32	1.26889
Trafford	374650.25	394044.55	4.02253
Trafford	376505.01	394750.3	0.510858
Trafford	376931.25	393962.5	3.20525
Trafford	373977.24	392136.85	9.6494
Trafford	371214.32	391229.57	2.34237
Bury	381104.9	412394.4	4.70254
Bury	382704.17	411331.21	4.19177
Bury	380510.7	408854.95	3.6727

Bury	378228.6	417004.89	13.5087
Bury	378216.53	414508.85	9.77277
Bury	376834.95	412926.95	7.79854
Bury	379383.65	412308	3.33149
Bury	377698.55	410527.75	4.02701
Bury	376513.36	409377.52	7.06968
Bury	377427.54	406692.96	4.88708
Bury	378651.81	408566.75	6.48427
Bury	382217.1	407936.7	8.74425
Bury	379113.27	405694.5	7.2068
Bury	381745.7	405925.75	2.53188
Bury	382800.6	405506.68	3.59168
Bury	380106.75	403337.65	4.99192
Bury	382603.4	403043.55	2.11001
Rochdale	391681.54	411870.39	1.15917
Rochdale	391193.02	411717	0.56484
Rochdale	390704.53	411702.97	0.273788
Rochdale	390744.61	412213.11	0.266006
Rochdale	390754.52	412709.87	0.574839
Rochdale	391144.38	413019.26	0.403834
Rochdale	391075.19	413873.9	0.410581
Rochdale	389897.21	410905.57	1.61523
Rochdale	389748.4	411780.95	0.531799
Rochdale	390716.82	411005.67	0.238654
Rochdale	391135.87	411065.96	0.350319
Rochdale	390995.63	410098.98	0.341206
Rochdale	390637.7	410474.36	1.91225
Rochdale	387981.21	411429.65	0.682802
Rochdale	388878.89	410285.11	0.920622
Rochdale	387609.41	410358.95	1.5069
Rochdale	388615.55	409085.84	0.964833
Rochdale	388889.75	411208.6	0.897772
Rochdale	389359.22	408855.62	1.7672
Rochdale	389087.96	407741.43	1.51971
Rochdale	391817.3	414873.34	0.930593
Rochdale	391973.19	416060.49	0.387302
Rochdale	391267.64	416626.75	1.07521
Rochdale	392746.65	416630.41	1.09619
Rochdale	393161.3	415940.4	0.299313
Rochdale	392460.91	415661.44	0.316969
Rochdale	391474.7	417576.15	9.27457
Rochdale	393833.11	416715.77	0.755654
Rochdale	392975.53	417012.77	0.429311
Rochdale	394360.06	418084.18	1.27937
Rochdale	393492.07	415850.82	0.21879
Rochdale	394835.01	416931.84	1.51354
Rochdale	392982.58	415401.92	1.14818
Rochdale	396639.12	417056.25	22.1269
Rochdale	393136.71	412653.57	1.08336
Rochdale	392654.65	413218.63	0.26186

Rochdale	393762.36	411567.42	0.735291
Rochdale	392373.66	411261.92	0.817794
Rochdale	392521.7	411955.23	0.66968
Rochdale	395117.65	412696.15	14.2631
Rochdale	391586.34	415799.6	0.316461
Rochdale	390967.19	415391.33	0.313629
Rochdale	390793.53	415113.02	0.49066
Rochdale	391375.52	413992.67	0.482685
Rochdale	392004.31	413636.25	0.308239
Rochdale	392033.41	413129.96	0.449121
Rochdale	392171.22	412737.82	0.124467
Rochdale	390603.76	413259.13	0.214173
Rochdale	390447.7	413782.41	0.4691
Rochdale	390292.05	414250.88	0.65531
Rochdale	389580.49	414069.04	0.272436
Rochdale	389350.32	413664.59	0.128226
Rochdale	388360.18	412978.17	0.374144
Rochdale	388694.48	412190.73	0.230791
Rochdale	388135.68	412042.39	0.360968
Rochdale	387889.8	412373.13	1.30545
Rochdale	387382.35	413163.72	0.367112
Rochdale	386609.04	413024.05	1.64473
Rochdale	386644.86	413862.51	1.14908
Rochdale	385664.8	414647.06	0.859451
Rochdale	386373.26	414689.09	0.512643
Rochdale	387239.75	414498.82	0.459226
Rochdale	384776.34	415640.34	22.8457
Rochdale	388120.65	413444.9	0.80412
Rochdale	387925.87	414030.36	0.32894
Rochdale	387562.04	414286.45	0.21328
Rochdale	387813.34	414937.69	0.57744
Rochdale	388374.22	414302.64	0.260004
Rochdale	388980.75	413817.3	0.604468
Rochdale	387067.1	416118.5	3.04985
Rochdale	388985.31	414703.36	0.952238
Rochdale	388664.58	415357.22	0.944667
Rochdale	388865.53	415271.11	0.199543
Rochdale	389996.95	415131.69	0.785775
Rochdale	389833.6	416243.25	2.79431
Rochdale	388949.47	412808.04	0.326279
Rochdale	389359.94	412652.43	0.0677889
Rochdale	389638.84	412697.14	0.327406
Rochdale	389510	412143.89	0.730316
Rochdale	389043.15	412153.43	0.210049
Rochdale	389490.45	413436.19	0.32672
Rochdale	389498.48	413102.46	0.496823
Rochdale	387117.58	405882.58	0.340399
Rochdale	387148.75	406688.66	0.552394
Rochdale	387846.31	406130.47	0.432633
Rochdale	388141.11	406983.43	0.833146

Rochdale	388279.64	407416.37	0.516381
Rochdale	387949.73	404896.19	1.07969
Rochdale	388106.86	405656.6	1.34121
Rochdale	387630.16	404006.37	0.211701
Rochdale	386446.22	405828.93	0.539311
Rochdale	385407.54	405867.38	0.834441
Rochdale	385188.63	405208.97	0.66921
Rochdale	386197.55	405142.27	0.43252
Rochdale	387007.33	404691.59	1.51597
Rochdale	384109.61	405535.04	0.863121
Rochdale	386777.11	406550.46	0.181419
Rochdale	385693.61	406639.4	0.967247
Rochdale	386071.89	406999.84	1.16174
Rochdale	387287.94	407362.54	0.799984
Rochdale	386891.68	408617.84	3.11728
Rochdale	384749.67	407158.41	2.79944
Rochdale	385438.42	410722.94	0.461367
Rochdale	385258.81	411437.26	0.89126
Rochdale	384130.98	411474.75	2.43087
Rochdale	386366	411001.09	0.466719
Rochdale	386375.09	410203.43	1.16134
Rochdale	385298.73	410478.79	0.171328
Rochdale	384856.52	410168.46	0.187821
Rochdale	383843.94	410197.59	0.692402
Rochdale	383218.74	410416.31	0.720944
Rochdale	384359.56	411183.41	0.510834
Rochdale	382690.45	410337.85	1.98574
Rochdale	383790.7	409250.05	1.4102
Rochdale	385584.99	409819.18	0.81294
Rochdale	386246.94	409305.87	1.05053
Rochdale	384671.94	408239.32	1.85181
Rochdale	384261.6	409280.52	0.997631
Oldham	391892.12	405658.43	2.12852
Oldham	394079.65	403608	3.25196
Oldham	392649.47	405002.72	0.734511
Oldham	393723.45	405214.6	2.55417
Oldham	395138.31	406501.75	2.41605
Oldham	394235.52	406867.07	4.99812
Oldham	401464.22	403710.45	32.6623
Oldham	400139.65	408959.8	41.9147
Oldham	395737.45	404344.25	4.24762
Oldham	390933.76	408334.29	5.03406
Oldham	392425.01	407374.35	4.01418
Oldham	395113.1	409454.8	7.29956
Oldham	392809.98	409622.95	4.85227
Oldham	392806.9	402607.49	3.6255
Oldham	389264.19	400887.01	2.56122
Oldham	390890.01	401054.85	4.5421
Oldham	391202.7	402403.84	2.79102
Oldham	391551.6	404096.68	1.65603

Oldham	390051.62	406463.88	3.70346
Oldham	389484.25	404753.86	5.058
Oldham	389970.81	403131.04	2.35448