

## North Hertfordshire

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	2011	2012	2013	2014	2015	2016	2017
<b>Table 1: Key indicators</b>							
<b>Demography</b>							
Total population (000s)	127.5	128.4	129.3	130.5	131.6	132.7	133.8
Working age population (000s)	80.9	80.7	80.9	81.3	81.6	81.9	82.1
Migration & other changes (000s)	0.8	0.5	0.5	0.7	0.6	0.7	0.7
<b>Labour market</b>							
Employees in employment (000s)	45.1	45.6	47.3	48.5	49.0	49.3	49.6
Self employed (000s)	9.3	9.5	10.2	10.9	11.1	11.2	11.3
Total employment: jobs (000s)	54.5	55.2	57.4	59.4	60.0	60.5	61.0
Total workplace employed people (000s)	52.4	53.3	55.6	57.6	58.2	58.7	59.1
Residence employment (000s)	65.0	64.0	63.4	65.4	66.1	66.8	67.5
Residence employment rate (%)	71.0	69.5	68.4	70.1	70.5	70.8	71.1
Net commuting (000s)	-12.5	-10.7	-7.8	-7.8	-7.9	-8.1	-8.4
Unemployment level (000s)	1.9	2.0	1.8	1.3	1.1	1.1	1.1
Unemployment rate (%)	2.4	2.4	2.2	1.6	1.4	1.3	1.3
<b>Output</b>							
Total GVA (millions £s, 2010 prices)	2509	2557	2619	2736	2813	2885	2958
Labour productivity (000s £s, 2010 prices)	46.1	46.3	45.6	46.1	46.9	47.7	48.5
GVA per capita (000s £s, 2010 prices)	19.7	19.9	20.3	21.0	21.4	21.7	22.1
<b>Housing</b>							
Households (000s)	53.8	54.2	54.5	55.0	55.4	55.9	56.4
Demand for dwellings (000s)	55.0	55.4	55.7	56.2	56.6	57.2	57.7
<b>Environment</b>							
Total carbon emissions (000s tonnes)	781.2	840.4	808.5	778.8	756.6	709.7	684.4
Total carbon emissions per head (tonnes)	6.1	6.5	6.3	6.0	5.8	5.3	5.1
<b>Employment land use</b>							
Industrial floorspace (B1c/B2) estimates (000 sqm)	311.9	329.2	329.1	332.3	331.2	329.2	326.7
Warehouse floorspace (B8) estimates (000 sqm)	279.3	280.9	287.3	291.7	295.1	297.7	299.9
Office floorspace (B1a/b) estimates (000 sqm)	187.4	210.4	231.9	245.2	250.6	255.3	260.1

[Index](#)**Table 2: Key indicators annual change (%)\***

	2011	2012	2013	2014	2015	2016	2017
<b>Demography</b>							
Total population	1.0	0.7	0.7	0.9	0.8	0.9	0.8
Working age population	0.8	-0.2	0.2	0.5	0.3	0.4	0.3
Migration & other changes (000s)	0.1	-0.3	0.0	0.2	-0.1	0.0	0.0
<b>Labour market</b>							
Employees in employment	-2.3	1.1	3.5	2.6	0.9	0.7	0.6
Self employed	5.3	2.2	6.7	7.1	1.5	1.3	1.1
Total employment: jobs	-1.1	1.3	4.1	3.4	1.0	0.8	0.7
Total workplace employed people	0.1	1.6	4.4	3.5	1.1	0.8	0.7
Residence employment	1.2	-1.0	-0.6	2.0	0.8	0.7	0.7
Residence employment rate (pp)	0.6	-1.5	-1.1	1.7	0.4	0.3	0.3
Net commuting (000s)	-1.1	1.8	3.0	0.0	-0.2	-0.2	-0.2
Unemployment level (000s)	-0.2	0.1	-0.2	-0.5	-0.2	0.0	0.0
Unemployment rate (pp)	-0.2	0.1	-0.2	-0.7	-0.2	-0.1	0.0
<b>Output</b>							
Total GVA	1.7	1.9	2.4	4.5	2.8	2.6	2.5
Labour productivity (000s £s, 2010 prices)	1.3	0.3	-0.8	0.5	0.8	0.8	0.9
GVA per capita	0.7	1.2	1.7	3.5	2.0	1.7	1.7
<b>Housing</b>							
Households	0.4	0.4	0.3	0.5	0.5	0.5	0.5
Demand for dwellings	0.4	0.4	0.3	0.5	0.5	0.5	0.5
<b>Environment</b>							
Total carbon emissions	-70.3	59.1	-31.9	-29.6	-22.2	-46.9	-25.3
Total carbon emissions per head	-0.6	0.4	-0.3	-0.3	-0.2	-0.4	-0.2
<b>Employment land use</b>							
Industrial floorspace (B1c/B2) estimates (000 sqm)	1.7	17.3	-0.1	3.2	-1.1	-2.0	-2.5
Warehouse floorspace (B8) estimates (000 sqm)	-0.2	1.6	6.4	4.4	3.4	2.6	2.2
Office floorspace (B1a/b) estimates (000 sqm)	-2.4	23.0	21.5	13.4	5.4	4.7	4.8

\* percentage changes unless otherwise noted

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	2011	2012	2013	2014	2015	2016	2017
<b>Table 3: Employment by sector (000s)</b>							
Agriculture	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Mining & quarrying	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing - food	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Manufacturing - general	2.3	2.5	2.6	2.6	2.6	2.6	2.6
Manufacturing - chemicals only	2.2	1.5	1.4	1.4	1.4	1.4	1.4
Manufacturing - pharmaceuticals	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Manufacturing - metals	1.3	1.2	1.2	1.2	1.2	1.2	1.1
Manufacturing - transport equipment	0.5	1.4	1.3	1.3	1.3	1.3	1.3
Manufacturing - electronics	0.8	0.7	0.7	0.7	0.7	0.7	0.7
Utilities	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Waste & remediation	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction	5.3	5.0	5.4	5.8	5.9	6.0	6.1
Wholesale	4.8	4.7	4.7	4.8	4.8	4.8	4.9
Retail	6.0	5.7	5.7	5.8	5.8	5.9	5.9
Land transport	1.2	1.3	1.4	1.4	1.4	1.5	1.5
Water & air transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accommodation & food services	3.2	3.8	3.8	4.0	4.0	4.1	4.2
Publishing & broadcasting	0.3	0.4	0.5	0.5	0.5	0.5	0.5
Telecoms	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Computer related activity	1.5	2.0	2.2	2.3	2.3	2.3	2.4
Finance	1.9	1.9	1.9	2.0	2.0	2.0	2.0
Real estate	1.4	1.5	1.7	1.8	1.9	2.0	2.0
Professional services	4.2	4.8	5.4	5.8	6.0	6.1	6.3
Research & development	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Business services	2.2	2.4	2.8	2.9	3.0	3.0	3.1
Employment activities	0.6	0.5	0.6	0.7	0.7	0.7	0.7
Public administration	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Education	4.2	4.1	4.1	4.1	4.1	4.1	4.0
Health & care	4.8	4.5	4.7	4.8	4.8	4.8	4.8
Arts & entertainment	1.3	1.1	1.1	1.2	1.2	1.2	1.3
Other services	2.1	1.5	1.6	1.6	1.7	1.7	1.7
Total	54.5	55.2	57.4	59.4	60.0	60.5	61.0

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	2011	2012	2013	2014	2015	2016	2017
<b>Table 4: Employment by sector - annual percentage changes</b>							
Agriculture	8.4	-7.8	-4.5	11.2	-3.5	-1.2	-1.2
Mining & quarrying	85.9	-38.8	-8.2	-1.3	-0.2	-1.7	-2.3
Manufacturing - food	16.5	15.7	1.1	2.3	0.8	0.5	0.3
Manufacturing - general	15.1	10.3	2.1	1.4	-0.1	-0.4	-0.6
Manufacturing - chemicals only	6.9	-32.1	-4.4	0.4	-1.0	-1.3	-1.5
Manufacturing - pharmaceuticals	17.6	61.5	-1.8	0.0	-1.4	-1.7	-1.9
Manufacturing - metals	-7.2	-4.7	-1.5	0.4	-1.0	-1.3	-1.5
Manufacturing - transport equipment	-13.3	154.1	-2.2	0.5	-0.9	-1.2	-1.4
Manufacturing - electronics	-25.3	-2.9	-1.2	0.3	-1.2	-1.4	-1.6
Utilities	-19.8	-19.3	7.9	0.6	-1.5	-1.7	-1.7
Waste & remediation	-9.3	13.2	6.7	2.3	-0.2	-0.3	-0.3
Construction	14.1	-6.4	9.3	6.0	2.3	1.5	1.2
Wholesale	-0.3	-2.3	1.4	0.8	0.9	0.6	0.6
Retail	-3.2	-5.1	0.6	0.9	1.0	0.7	0.7
Land transport	-5.6	15.1	0.9	4.5	2.1	1.6	1.0
Water & air transport	204.2	389.8	-1.9	3.1	2.2	2.1	1.7
Accommodation & food services	-4.8	17.4	1.4	4.2	1.7	1.7	1.5
Publishing & broadcasting	12.9	39.8	11.4	3.3	1.6	1.7	1.5
Telecoms	-2.6	10.7	8.9	3.6	2.1	2.2	1.9
Computer related activity	-1.5	34.8	8.1	3.3	1.8	1.8	1.6
Finance	6.5	0.3	-0.8	2.6	0.7	0.3	0.1
Real estate	-17.6	11.2	9.6	7.4	3.9	3.5	3.4
Professional services	-7.7	13.6	12.2	7.7	2.8	2.6	2.7
Research & development	-1.5	19.0	8.8	6.0	2.4	2.6	3.0
Business services	13.2	11.9	13.2	5.9	2.1	1.6	1.4
Employment activities	-2.0	-3.7	13.9	5.8	2.7	2.3	2.2
Public administration	-4.8	-4.8	0.4	-1.0	-2.4	-3.3	-3.2
Education	6.8	-2.0	-0.7	1.6	-0.9	-1.3	-1.3
Health & care	-10.7	-7.2	5.1	2.1	-0.4	-0.1	-0.4
Arts & entertainment	-8.2	-14.0	1.2	7.6	2.1	2.6	2.3
Other services	-2.0	-29.3	6.6	4.6	1.6	2.1	1.8
Total	-1.1	1.3	4.1	3.4	1.0	0.8	0.7

<a href="#">Index</a>	2011	2012	2013	2014	2015	2016	2017
<b>Table 5: Employment location quotients (East = 1)**</b>							
Agriculture	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Mining & quarrying	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing - food	0.006	0.007	0.008	0.008	0.008	0.008	0.008
Manufacturing - general	0.032	0.033	0.033	0.033	0.033	0.034	0.034
Manufacturing - chemicals only	0.063	0.053	0.052	0.052	0.052	0.051	0.051
Manufacturing - pharmaceuticals	0.014	0.022	0.021	0.021	0.021	0.021	0.020
Manufacturing - metals	0.047	0.035	0.034	0.034	0.034	0.034	0.034
Manufacturing - transport equipment	0.013	0.031	0.031	0.031	0.031	0.030	0.030
Manufacturing - electronics	0.027	0.031	0.031	0.031	0.031	0.031	0.031
Utilities	0.019	0.018	0.018	0.018	0.018	0.018	0.018
Waste & remediation	0.017	0.013	0.013	0.013	0.013	0.013	0.013
Construction	1.274	1.186	1.254	1.271	1.275	1.277	1.278
Wholesale	1.158	1.198	1.201	1.198	1.195	1.191	1.188
Retail	0.908	0.896	0.896	0.895	0.893	0.892	0.890
Land transport	0.451	0.497	0.505	0.508	0.506	0.502	0.498
Water & air transport	0.001	0.003	0.003	0.003	0.003	0.003	0.003
Accommodation & food services	0.978	1.032	1.030	1.029	1.028	1.026	1.025
Publishing & broadcasting	0.013	0.018	0.019	0.018	0.018	0.018	0.018
Telecoms	0.014	0.015	0.015	0.015	0.015	0.015	0.015
Computer related activity	0.031	0.036	0.036	0.036	0.035	0.035	0.035
Finance	1.322	1.308	1.327	1.342	1.348	1.351	1.354
Real estate	1.761	1.908	1.937	1.957	1.961	1.961	1.959
Professional services	1.130	1.153	1.185	1.198	1.200	1.201	1.201
Research & development	0.007	0.008	0.008	0.008	0.008	0.008	0.008
Business services	0.696	0.735	0.770	0.772	0.767	0.759	0.751
Employment activities	0.355	0.311	0.317	0.318	0.317	0.317	0.316
Public administration	0.359	0.342	0.348	0.349	0.350	0.350	0.350
Education	0.740	0.729	0.723	0.719	0.715	0.710	0.705
Health & care	0.697	0.646	0.646	0.643	0.641	0.639	0.637
Arts & entertainment	0.766	0.703	0.702	0.702	0.701	0.701	0.700
Other services	0.024	0.022	0.023	0.023	0.023	0.023	0.023
Total							

\*\* The measures for location quotients (LQs) vary by sector. Please see notes on the Menu worksheet for further details.

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	2018	2019	2020	2021	2022	2023	2024
<b>Table 1: Key indicators</b>							
<b>Demography</b>							
Total population (000s)	135.0	136.1	137.2	138.3	139.4	140.5	141.5
Working age population (000s)	82.4	82.6	82.9	83.2	83.5	83.7	84.0
Migration & other changes (000s)	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>Labour market</b>							
Employees in employment (000s)	49.8	50.0	50.2	50.2	50.3	50.2	50.2
Self employed (000s)	11.4	11.5	11.6	11.6	11.6	11.6	11.6
Total employment: jobs (000s)	61.3	61.5	61.7	61.8	61.8	61.8	61.7
Total workplace employed people (000s)	59.4	59.7	59.8	59.9	60.0	59.9	59.8
Residence employment (000s)	68.0	68.5	68.9	69.1	69.3	69.5	69.5
Residence employment rate (%)	71.4	71.5	71.6	71.6	71.7	71.6	71.3
Net commuting (000s)	-8.6	-8.8	-9.0	-9.2	-9.4	-9.5	-9.7
Unemployment level (000s)	1.1	1.1	1.1	1.1	1.2	1.2	1.2
Unemployment rate (%)	1.3	1.3	1.3	1.4	1.4	1.4	1.4
<b>Output</b>							
Total GVA (millions £s, 2010 prices)	3030	3103	3173	3244	3314	3385	3457
Labour productivity (000s £s, 2010 prices)	49.4	50.4	51.4	52.5	53.6	54.8	56.0
GVA per capita (000s £s, 2010 prices)	22.5	22.8	23.1	23.5	23.8	24.1	24.4
<b>Housing</b>							
Households (000s)	57.0	57.5	58.1	58.7	59.3	59.8	60.4
Demand for dwellings (000s)	58.2	58.8	59.4	60.0	60.5	61.1	61.7
<b>Environment</b>							
Total carbon emissions (000s tonnes)	655.6	635.6	602.6	597.8	602.2	596.9	601.2
Total carbon emissions per head (tonnes)	4.9	4.7	4.4	4.3	4.3	4.2	4.2
<b>Employment land use</b>							
Industrial floorspace (B1c/B2) estimates (000 sqm)	323.7	320.8	317.8	314.7	311.4	307.6	303.4
Warehouse floorspace (B8) estimates (000 sqm)	301.6	302.9	304.0	304.7	304.6	304.1	303.4
Office floorspace (B1a/b) estimates (000 sqm)	264.0	266.2	267.7	268.6	269.4	269.9	269.9

[Index](#)**Table 2: Key indicators annual change (%)\***

	2018	2019	2020	2021	2022	2023	2024
<b>Demography</b>							
Total population	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Working age population	0.3	0.2	0.4	0.3	0.4	0.3	0.4
Migration & other changes (000s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Labour market</b>							
Employees in employment	0.5	0.3	0.3	0.2	0.0	0.0	-0.1
Self employed	0.9	0.7	0.3	0.2	0.1	0.0	-0.1
Total employment: jobs	0.5	0.4	0.3	0.2	0.1	0.0	-0.1
Total workplace employed people	0.6	0.4	0.3	0.1	0.0	-0.1	-0.1
Residence employment	0.6	0.4	0.4	0.3	0.2	0.1	0.1
Residence employment rate (pp)	0.3	0.1	0.1	0.0	0.1	-0.1	-0.3
Net commuting (000s)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1
Unemployment level (000s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unemployment rate (pp)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Output</b>							
Total GVA	2.4	2.4	2.3	2.2	2.2	2.1	2.1
Labour productivity (000s £s, 2010 prices)	0.9	1.0	1.0	1.1	1.1	1.2	1.2
GVA per capita	1.6	1.5	1.4	1.4	1.4	1.3	1.4
<b>Housing</b>							
Households	0.5	0.5	0.6	0.6	0.6	0.6	0.6
Demand for dwellings	0.5	0.6	0.6	0.6	0.6	0.6	0.6
<b>Environment</b>							
Total carbon emissions	-28.8	-20.1	-33.0	-4.7	4.3	-5.2	4.3
Total carbon emissions per head	-0.3	-0.2	-0.3	-0.1	0.0	-0.1	0.0
<b>Employment land use</b>							
Industrial floorspace (B1c/B2) estimates (000 sqm)	-3.0	-2.9	-2.9	-3.1	-3.3	-3.7	-4.2
Warehouse floorspace (B8) estimates (000 sqm)	1.7	1.3	1.1	0.6	-0.1	-0.5	-0.7
Office floorspace (B1a/b) estimates (000 sqm)	3.9	2.3	1.4	1.0	0.8	0.5	0.1

\* percentage changes unless otherwise noted

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	2018	2019	2020	2021	2022	2023	2024
<b>Table 3: Employment by sector (000s)</b>							
Agriculture	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Mining & quarrying	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing - food	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Manufacturing - general	2.6	2.6	2.5	2.5	2.5	2.5	2.4
Manufacturing - chemicals only	1.3	1.3	1.3	1.3	1.3	1.2	1.2
Manufacturing - pharmaceuticals	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Manufacturing - metals	1.1	1.1	1.1	1.1	1.1	1.0	1.0
Manufacturing - transport equipment	1.3	1.3	1.2	1.2	1.2	1.2	1.2
Manufacturing - electronics	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Utilities	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Waste & remediation	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction	6.1	6.2	6.2	6.2	6.2	6.2	6.3
Wholesale	4.9	4.9	4.9	4.9	4.9	4.9	4.9
Retail	6.0	6.0	6.0	6.0	6.1	6.1	6.1
Land transport	1.5	1.5	1.5	1.5	1.5	1.4	1.4
Water & air transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accommodation & food services	4.2	4.3	4.3	4.3	4.3	4.3	4.4
Publishing & broadcasting	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Telecoms	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Computer related activity	2.4	2.4	2.4	2.4	2.5	2.5	2.5
Finance	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Real estate	2.1	2.1	2.1	2.1	2.2	2.2	2.2
Professional services	6.4	6.5	6.5	6.6	6.6	6.7	6.7
Research & development	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Business services	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Employment activities	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Public administration	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Education	4.0	3.9	3.9	3.9	3.9	3.9	3.9
Health & care	4.8	4.8	4.8	4.8	4.9	4.9	4.9
Arts & entertainment	1.3	1.3	1.3	1.3	1.4	1.4	1.4
Other services	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Total	61.3	61.5	61.7	61.8	61.8	61.8	61.7



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	2018	2019	2020	2021	2022	2023	2024
<b>Table 4: Employment by sector - annual percentage changes</b>							
Agriculture	-1.2	-1.2	-1.2	-1.0	-1.0	-0.9	-0.9
Mining & quarrying	-3.1	-3.2	-3.5	-3.7	-3.7	-3.6	-3.6
Manufacturing - food	0.1	0.1	0.1	0.1	0.0	-0.2	-0.4
Manufacturing - general	-0.7	-0.7	-0.7	-0.8	-0.9	-1.0	-1.2
Manufacturing - chemicals only	-1.7	-1.6	-1.6	-1.7	-1.7	-1.9	-2.1
Manufacturing - pharmaceuticals	-2.1	-2.1	-2.1	-2.2	-2.3	-2.4	-2.6
Manufacturing - metals	-1.6	-1.6	-1.6	-1.6	-1.7	-1.8	-2.0
Manufacturing - transport equipment	-1.5	-1.5	-1.5	-1.5	-1.6	-1.7	-1.9
Manufacturing - electronics	-1.8	-1.7	-1.7	-1.8	-1.8	-2.0	-2.2
Utilities	-1.6	-1.5	-1.6	-1.6	-1.6	-1.5	-1.5
Waste & remediation	-0.2	-0.2	-0.3	-0.3	-0.2	-0.2	-0.2
Construction	0.9	0.7	0.5	0.3	0.3	0.3	0.3
Wholesale	0.5	0.4	0.4	0.3	0.1	0.0	-0.1
Retail	0.6	0.5	0.5	0.4	0.2	0.1	0.0
Land transport	0.4	-0.1	-0.4	-0.7	-1.1	-1.2	-1.3
Water & air transport	1.2	0.8	0.6	0.3	0.0	-0.1	-0.1
Accommodation & food services	1.2	1.0	0.9	0.6	0.4	0.2	0.1
Publishing & broadcasting	1.1	0.8	0.7	0.5	0.2	-0.1	-0.2
Telecoms	1.6	1.2	1.2	1.0	0.7	0.4	0.3
Computer related activity	1.2	0.8	0.8	0.6	0.3	0.0	-0.1
Finance	0.2	0.2	0.2	0.1	0.1	0.0	0.0
Real estate	2.5	1.4	1.0	0.9	0.8	0.8	0.8
Professional services	2.3	1.3	0.8	0.6	0.7	0.6	0.4
Research & development	2.6	1.7	1.3	1.1	1.1	1.0	0.8
Business services	0.9	0.3	0.0	-0.3	-0.4	-0.6	-0.9
Employment activities	1.6	1.1	0.8	0.6	0.5	0.3	0.1
Public administration	-1.5	0.4	1.2	1.1	1.1	1.1	1.2
Education	-1.0	-0.5	-0.3	-0.3	-0.3	-0.3	-0.3
Health & care	-0.3	0.2	0.5	0.6	0.5	0.4	0.4
Arts & entertainment	2.2	1.9	1.4	1.0	0.8	0.8	0.8
Other services	1.7	1.4	0.9	0.6	0.4	0.3	0.3
Total	0.5	0.4	0.3	0.2	0.1	0.0	-0.1

<a href="#">Index</a>	2018	2019	2020	2021	2022	2023	2024
<b>Table 5: Employment location quotients (East = 1)**</b>							
Agriculture	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Mining & quarrying	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing - food	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Manufacturing - general	0.034	0.034	0.034	0.035	0.035	0.035	0.035
Manufacturing - chemicals only	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Manufacturing - pharmaceuticals	0.020	0.020	0.020	0.020	0.019	0.019	0.019
Manufacturing - metals	0.034	0.033	0.033	0.033	0.033	0.033	0.033
Manufacturing - transport equipment	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Manufacturing - electronics	0.031	0.031	0.030	0.030	0.030	0.030	0.030
Utilities	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Waste & remediation	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Construction	1.279	1.280	1.280	1.281	1.281	1.281	1.282
Wholesale	1.184	1.181	1.178	1.174	1.170	1.167	1.163
Retail	0.889	0.887	0.885	0.884	0.882	0.880	0.879
Land transport	0.495	0.491	0.487	0.482	0.478	0.473	0.469
Water & air transport	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Accommodation & food services	1.024	1.022	1.021	1.019	1.018	1.016	1.015
Publishing & broadcasting	0.018	0.018	0.018	0.018	0.018	0.018	0.017
Telecoms	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Computer related activity	0.034	0.034	0.034	0.033	0.033	0.033	0.032
Finance	1.356	1.359	1.362	1.364	1.367	1.369	1.371
Real estate	1.957	1.956	1.954	1.952	1.950	1.947	1.945
Professional services	1.201	1.201	1.201	1.200	1.200	1.200	1.200
Research & development	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Business services	0.743	0.735	0.727	0.718	0.710	0.701	0.693
Employment activities	0.315	0.314	0.313	0.313	0.312	0.311	0.311
Public administration	0.351	0.354	0.357	0.360	0.363	0.367	0.370
Education	0.700	0.696	0.691	0.687	0.682	0.678	0.674
Health & care	0.634	0.632	0.630	0.628	0.626	0.624	0.622
Arts & entertainment	0.699	0.699	0.698	0.697	0.696	0.695	0.695
Other services	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Total							

\*\* The measures for location quotients (LQs) vary by sector. Please see notes

## North Hertfordshire

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	2025	2026	2027	2028	2029	2030	2031
<b>Table 1: Key indicators</b>							
<b>Demography</b>							
Total population (000s)	142.6	143.6	144.6	145.5	146.4	147.3	148.2
Working age population (000s)	84.3	84.5	84.7	84.8	84.9	85.0	85.0
Migration & other changes (000s)	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<b>Labour market</b>							
Employees in employment (000s)	50.1	50.1	50.1	50.1	50.0	50.0	49.9
Self employed (000s)	11.6	11.6	11.6	11.6	11.6	11.6	11.6
Total employment: jobs (000s)	61.7	61.7	61.7	61.7	61.6	61.6	61.5
Total workplace employed people (000s)	59.8	59.8	59.8	59.8	59.7	59.6	59.6
Residence employment (000s)	69.7	69.8	70.0	70.1	70.3	70.4	70.6
Residence employment rate (%)	71.0	70.8	70.4	70.1	69.8	69.5	69.2
Net commuting (000s)	-9.9	-10.0	-10.2	-10.3	-10.6	-10.8	-11.0
Unemployment level (000s)	1.2	1.2	1.3	1.3	1.3	1.3	1.3
Unemployment rate (%)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>Output</b>							
Total GVA (millions £s, 2010 prices)	3530	3600	3668	3734	3801	3867	3930
Labour productivity (000s £s, 2010 prices)	57.2	58.3	59.4	60.6	61.7	62.8	63.9
GVA per capita (000s £s, 2010 prices)	24.8	25.1	25.4	25.7	26.0	26.2	26.5
<b>Housing</b>							
Households (000s)	60.9	61.5	62.0	62.6	63.1	63.6	64.1
Demand for dwellings (000s)	62.3	62.8	63.4	63.9	64.4	65.0	65.5
<b>Environment</b>							
Total carbon emissions (000s tonnes)	596.2	586.8	588.2	580.3	576.5	571.1	567.2
Total carbon emissions per head (tonnes)	4.2	4.1	4.1	4.0	3.9	3.9	3.8
<b>Employment land use</b>							
Industrial floorspace (B1c/B2) estimates (000 sqm)	299.3	295.4	291.5	287.6	283.8	280.0	276.5
Warehouse floorspace (B8) estimates (000 sqm)	302.8	302.4	302.0	301.5	301.1	300.4	299.6
Office floorspace (B1a/b) estimates (000 sqm)	270.2	270.5	270.7	270.8	270.7	270.5	270.1

[Index](#)**Table 2: Key indicators annual change (%)\***

	2025	2026	2027	2028	2029	2030	2031
<b>Demography</b>							
Total population	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Working age population	0.3	0.2	0.2	0.2	0.1	0.1	0.1
Migration & other changes (000s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Labour market</b>							
Employees in employment	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Self employed	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1
Total employment: jobs	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Total workplace employed people	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Residence employment	0.1	0.2	0.1	0.1	0.2	0.2	0.1
Residence employment rate (pp)	-0.3	-0.3	-0.3	-0.4	-0.3	-0.3	-0.3
Net commuting (000s)	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Unemployment level (000s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unemployment rate (pp)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Output</b>							
Total GVA	2.1	2.0	1.9	1.8	1.8	1.7	1.6
Labour productivity (000s £s, 2010 prices)	1.2	1.1	1.1	1.1	1.1	1.1	1.1
GVA per capita	1.4	1.3	1.2	1.2	1.1	1.1	1.0
<b>Housing</b>							
Households	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Demand for dwellings	0.6	0.6	0.6	0.5	0.5	0.5	0.5
<b>Environment</b>							
Total carbon emissions	-5.0	-9.5	1.5	-7.9	-3.8	-5.5	-3.8
Total carbon emissions per head	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0
<b>Employment land use</b>							
Industrial floorspace (B1c/B2) estimates (000 sqm)	-4.1	-3.9	-3.9	-3.9	-3.8	-3.8	-3.5
Warehouse floorspace (B8) estimates (000 sqm)	-0.6	-0.4	-0.4	-0.5	-0.5	-0.7	-0.8
Office floorspace (B1a/b) estimates (000 sqm)	0.2	0.3	0.2	0.1	-0.1	-0.3	-0.4

\* percentage changes unless otherwise noted

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	2025	2026	2027	2028	2029	2030	2031
<b>Table 3: Employment by sector (000s)</b>							
Agriculture	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Mining & quarrying	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing - food	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Manufacturing - general	2.4	2.4	2.4	2.3	2.3	2.3	2.2
Manufacturing - chemicals only	1.2	1.2	1.1	1.1	1.1	1.1	1.0
Manufacturing - pharmaceuticals	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Manufacturing - metals	1.0	1.0	1.0	0.9	0.9	0.9	0.9
Manufacturing - transport equipment	1.1	1.1	1.1	1.1	1.1	1.0	1.0
Manufacturing - electronics	0.6	0.6	0.6	0.6	0.5	0.5	0.5
Utilities	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Waste & remediation	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction	6.3	6.3	6.4	6.4	6.4	6.5	6.5
Wholesale	4.9	4.9	4.9	4.9	4.9	4.9	4.9
Retail	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Land transport	1.4	1.4	1.4	1.4	1.3	1.3	1.3
Water & air transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accommodation & food services	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Publishing & broadcasting	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Telecoms	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Computer related activity	2.5	2.4	2.4	2.4	2.4	2.4	2.4
Finance	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Real estate	2.2	2.2	2.2	2.3	2.3	2.3	2.3
Professional services	6.7	6.8	6.8	6.8	6.8	6.9	6.9
Research & development	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Business services	3.0	3.0	3.0	3.0	2.9	2.9	2.9
Employment activities	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Public administration	0.8	0.8	0.9	0.9	0.9	0.9	0.9
Education	3.9	3.9	3.9	3.9	3.8	3.8	3.8
Health & care	4.9	4.9	5.0	5.0	5.0	5.0	5.0
Arts & entertainment	1.4	1.4	1.4	1.4	1.4	1.4	1.5
Other services	1.8	1.9	1.9	1.9	1.9	1.9	1.9
Total	61.7	61.7	61.7	61.7	61.6	61.6	61.5

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	2025	2026	2027	2028	2029	2030	2031
<b>Table 4: Employment by sector - annual percentage changes</b>							
Agriculture	-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-1.0
Mining & quarrying	-3.5	-3.5	-3.6	-3.6	-3.6	-3.6	-3.7
Manufacturing - food	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5
Manufacturing - general	-1.2	-1.2	-1.2	-1.2	-1.3	-1.3	-1.2
Manufacturing - chemicals only	-2.1	-2.0	-2.1	-2.1	-2.1	-2.1	-2.0
Manufacturing - pharmaceuticals	-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.6
Manufacturing - metals	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9
Manufacturing - transport equipment	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8
Manufacturing - electronics	-2.2	-2.1	-2.2	-2.2	-2.2	-2.2	-2.1
Utilities	-1.4	-1.4	-1.4	-1.4	-1.5	-1.5	-1.5
Waste & remediation	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3
Construction	0.5	0.6	0.5	0.5	0.5	0.4	0.4
Wholesale	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.2
Retail	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Land transport	-1.2	-1.2	-1.2	-1.3	-1.3	-1.4	-1.5
Water & air transport	-0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.2
Accommodation & food services	0.2	0.2	0.2	0.2	0.1	0.1	0.0
Publishing & broadcasting	-0.2	-0.2	-0.2	-0.2	0.0	-0.1	-0.1
Telecoms	0.3	0.4	0.3	0.3	0.5	0.4	0.4
Computer related activity	-0.1	-0.1	-0.1	-0.1	-0.3	-0.3	-0.4
Finance	0.1	0.2	0.1	0.1	0.0	0.0	-0.1
Real estate	0.9	0.9	0.8	0.7	0.6	0.5	0.5
Professional services	0.5	0.5	0.4	0.4	0.4	0.3	0.2
Research & development	0.8	0.9	0.8	0.7	0.7	0.7	0.6
Business services	-0.8	-0.8	-0.8	-0.9	-1.0	-1.0	-1.1
Employment activities	0.1	0.2	0.2	0.2	0.2	0.1	0.0
Public administration	1.2	1.2	1.2	1.2	1.1	1.0	0.9
Education	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Health & care	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Arts & entertainment	0.8	0.9	0.9	0.8	0.8	0.7	0.7
Other services	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Total	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1

<a href="#">Index</a>	2025	2026	2027	2028	2029	2030	2031
<b>Table 5: Employment location quotients (East = 1)**</b>							
Agriculture	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Mining & quarrying	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing - food	0.008	0.008	0.008	0.008	0.008	0.009	0.009
Manufacturing - general	0.035	0.036	0.036	0.036	0.036	0.036	0.036
Manufacturing - chemicals only	0.051	0.051	0.051	0.050	0.050	0.050	0.050
Manufacturing - pharmaceuticals	0.019	0.018	0.018	0.018	0.018	0.017	0.017
Manufacturing - metals	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Manufacturing - transport equipment	0.030	0.029	0.029	0.029	0.029	0.029	0.029
Manufacturing - electronics	0.030	0.030	0.030	0.030	0.029	0.029	0.029
Utilities	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Waste & remediation	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Construction	1.282	1.282	1.282	1.283	1.283	1.283	1.283
Wholesale	1.160	1.156	1.152	1.149	1.145	1.141	1.138
Retail	0.877	0.875	0.873	0.871	0.870	0.868	0.866
Land transport	0.464	0.460	0.455	0.451	0.446	0.442	0.437
Water & air transport	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Accommodation & food services	1.013	1.012	1.010	1.009	1.008	1.006	1.005
Publishing & broadcasting	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Telecoms	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Computer related activity	0.032	0.032	0.031	0.031	0.031	0.030	0.030
Finance	1.373	1.375	1.377	1.380	1.382	1.383	1.385
Real estate	1.943	1.940	1.938	1.935	1.933	1.930	1.928
Professional services	1.199	1.199	1.199	1.199	1.199	1.198	1.198
Research & development	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Business services	0.684	0.676	0.668	0.659	0.651	0.643	0.634
Employment activities	0.310	0.309	0.309	0.308	0.308	0.307	0.307
Public administration	0.373	0.376	0.380	0.383	0.386	0.389	0.392
Education	0.670	0.665	0.661	0.657	0.653	0.649	0.645
Health & care	0.620	0.618	0.616	0.614	0.612	0.610	0.608
Arts & entertainment	0.694	0.693	0.692	0.691	0.691	0.690	0.689
Other services	0.023	0.022	0.022	0.022	0.022	0.022	0.022
Total							

\*\* The measures for location quotients (LQs) vary by sector. Please see notes