

APPENDICES

APPENDIX A DATA SOURCES

APPENDIX A

DATA SOURCES

Data for all maps, demographic statistics and projections were sourced from the following databases:

SPATIAL DATA

- Basemaps contain Ordnance Survey OpenData
- Newham Local Plan Data
- OpenStreetMap data
- TfL Data
- GLA Cultural Infrastructure Map

DEMOGRAPHIC DATA

- Population estimates for 2021 are from ONS small area population projections, accessed through NOMIS.
- Population projections for 2038 are from the GLA capacity-based projection scenario accessed on the London Datastore.

SOCIO-ECONOMIC DATA

- Indices of Multiple Deprivation are for 2019 and are taken from the Ministry for Housing, Communities and Local Government (since renamed the Department for Levelling Up, Housing and Communities).
- Self-described health and religious belief data is taken from 2011 Census data accessed through NOMIS.
- In-text statistics include references to Newham Key Statistics 2021, a detailed profile of key statistics about Newham produced by Compost London CIC.

DEVELOPMENT CONTEXT

- Data on developments in Newham was accessed through the Planning London Datahub.

**APPENDIX B
DENSITY OF FACILITIES
BY TYPE**

APPENDIX B

DENSITY OF COMMUNITY FACILITIES BY KM² FOR COMMUNITY NEIGHBOURHOODS

This table breaks down the density of community facilities per km² by type of facility for each community neighbourhood. This can be compared to the density of each facility across the whole borough to identify the neighbourhoods where the provision of facilities is above or below the borough average. There is significant variability in the provision of education with shared spaces, community centres, public houses, places of worship, public halls and cultural facilities across the borough.

DATA	STRATFORD AND WEST HAM	BECKTON AND ROYAL DOCKS	CUSTOM HOUSE & CANNING TOWN	PLAISTOW	FOREST GATE	GREEN STREET	EAST HAM	MANOR PARK	LB NEWHAM
COMMUNITY FACILITY TYPE									
Education with shared spaces	0.36	0.18	0.31	1.69	1.17	1.22	0.48	0.5	0.52
Community centres	1.97	1.18	2.81	4.23	1.56	2.43	0.48	2.24	1.89
Youth zones	0.18	0.09	0.16	0	0.39	0	0	0.25	0.13
Social clubs	0.18	0.09	0	0	0	0.41	0	0	0.08
Libraries	0.18	0.18	0.31	0.42	0.39	0.41	0.24	0.25	0.26
Public houses	4.31	0.64	1.56	1.69	1.56	0.81	0.95	0.75	1.5
Public toilets	0.36	0.09	0	0	0	0.41	0.48	0.25	0.18
Places of worship	3.95	0.64	5.15	9.31	10.89	13.77	4.75	9.96	5.34
Cultural facilities (music venues, dance halls, cinemas, theatres)	1.08	0.18	0.16	0	0	0.41	0	0	0.23
Public halls or exhibition halls	0.54	0.09	0.31	0.42	1.17	0	0.24	0.75	0.39
Cultural facilities (galleries)	0	0.27	0.47	0	0	0	0.24	0	0.18
Cultural facilities (museums)	0.54	0	0	0	0	0	0	0	0.08

APPENDIX B

RATIO OF COMMUNITY FACILITIES PER 1,000 RESIDENTS FOR COMMUNITY NEIGHBOURHOODS

This table breaks down the ratio of community facilities per 1,000 residents by type of facility for each of the community neighbourhoods. The figure is also available for the borough as a whole to understand which neighbourhoods have a provision of community facilities per resident that falls below or above the average provision across the whole borough. There is significant variability in the provision of community centres, public houses and places of worship.

DATA	STRATFORD AND WEST HAM	BECKTON AND ROYAL DOCKS	CUSTOM HOUSE & CANNING TOWN	PLAISTOW	FOREST GATE	GREEN STREET	EAST HAM	MANOR PARK	LB NEWHAM
COMMUNITY FACILITY TYPE									
Education with shared spaces	0.04	0.06	0.04	0.12	0.09	0.06	0.04	0.04	0.06
Community centres	0.2	0.38	0.34	0.3	0.12	0.12	0.04	0.19	0.21
Youth zones	0.02	0.03	0.02	0	0.03	0	0	0.02	0.01
Social clubs	0.02	0.03	0	0	0	0.02	0	0	0.01
Libraries	0.02	0.06	0.03	0.03	0.03	0.02	0.02	0.02	0.03
Public houses	0.44	0.21	0.19	0.12	0.12	0.04	0.08	0.06	0.16
Public toilets	0.04	0.03	0	0	0	0.02	0.04	0.02	0.02
Places of worship	0.41	0.21	0.63	0.65	0.82	0.69	0.41	0.83	0.58
Cultural facilities (music venues, dance halls, cinemas, theatres)	0.11	0.03	0.02	0	0	0.02	0	0	0.03
Public halls or exhibition halls	0.06	0.06	0.04	0.03	0.09	0	0.02	0.06	0.04
Cultural facilities (galleries)	0	0.09	0.06	0	0	0	0.02	0	0.02
Cultural facilities (museums)	0.06	0	0	0	0	0	0	0	0.01

APPENDIX B

DENSITY OF COMMUNITY FACILITIES PER KM² FOR CHARACTER AREAS

This table, continued on the following page, breaks down the density of community facilities per km² by type of facility for each newly established character area.

DATA	GALLIONS REACH	NORTH WOOLWICH	ROYAL VICTORIA	ROYAL ALBERT NORTH	CANNING TOWN & CUSTOM HOUSE	MANOR ROAD	THREE MILLS	STRATFORD AND MARYLAND
DISTRIBUTION AND POPULATION								
Total community facilities	0	12	12	4	41	3	4	67
Community facilities per km ²	0	7.3	5.4	3.9	14.8	4.4	3.3	18.5
COMMUNITY FACILITY TYPE								
Education with shared spaces	0	0	0	0	0.72	0	0	0.83
Community centres	0	3.06	0.9	0.97	4.32	1.47	0.81	2.21
Youth zones	0	0	0	0	0.36	0	0	0.28
Social clubs	0	0.61	0	0	0	0	0	0.28
Libraries	0	0.61	0	0	0.72	0	0	0.28
Public houses	0	1.22	1.79	0	1.44	1.47	0	6.36
Public toilets	0	0	0	0	0	0	0	0.55
Places of worship	0	1.22	1.35	0	6.12	0	0	4.7
Cultural facilities (music venues, dance halls, cinemas, theatres)	0	0	0.45	0.97	0	1.47	1.63	1.38
Public halls or exhibition halls	0	0.61	0.45	0.97	0.36	0	0	1.11
Cultural facilities (galleries)	0	0	0.45	0.97	0.72	0	0	0
Cultural facilities (museums)	0	0	0	0	0	0	0.81	0.55

APPENDIX B
DENSITY OF COMMUNITY FACILITIES PER KM² FOR CHARACTER AREAS

DATA	WEST HAM	PLAISTOW	BECKTON	EAST HAM SOUTH	EAST HAM	GREEN STREET	FOREST GATE	MANOR PARK AND LITTLE ILFORD
DISTRIBUTION AND POPULATION								
Total community facilities	19	50	22	22	43	37	44	36
Community facilities per km ²	10.5	20	6.6	7.6	14.4	25	17.8	12.4
COMMUNITY FACILITY TYPE								
Education with shared spaces	0	1.6	0.6	1.04	0.33	0.68	1.21	0.35
Community centres	3.3	2.8	2.69	1.04	1	4.05	1.21	1.73
Youth zones	0	0	0.3	0	0	0	0.4	0.35
Social clubs	0	0	0	0.35	0	0	0	0
Libraries	0	0.4	0.3	0	0.33	0.68	0.4	0.35
Public houses	1.1	2.4	0.6	0.35	1.34	0.68	1.62	1.04
Public toilets	0	0	0.3	0.35	0.67	0.68	0	0
Places of worship	6.06	12.01	1.49	4.15	9.37	18.25	12.12	8.3
Cultural facilities (music venues, dance halls, cinemas, theatres)	0	0	0	0.35	0	0	0	0
Public halls or exhibition halls	0	0.4	0	0	1	0	0.81	0.35
Cultural facilities (galleries)	0	0.4	0.3	0	0.33	0	0	0
Cultural facilities (museums)	0	0	0	0	0	0	0	0

APPENDIX B

DENSITY OF COMMUNITY FACILITIES PER KM² FOR CHARACTER AREAS

1. Gallions Reach

Gallions Reach is primarily industrial in nature and has no community facilities.

North Woolwich

North Woolwich has 12 community facilities and a density of 7.3 per km². There is a higher density of community centres (3.06 km²) than the borough average (1.99 per km²) as well as libraries (0.61 per km²) compared to the borough average (0.28 per km²).

2. Royal Victoria

Royal Victoria also has 12 community facilities but a lower density than North Woolwich with 5.4 facilities per km² which is less than half the borough average density of 11.5 facilities per km². The area has a higher density of public houses (1.79 compared to 1.57 per km²), galleries (0.45 compared to 0.19 per km²), cultural venues (0.45 compared to 0.33 per km²), public halls and exhibition halls (0.45 compared to 0.41 per km²) than the borough average. The area has a lower density of places of worship (1.35 compared to 5.68 per km²) and community centres (0.90 compared to 1.99 per km²) than the borough average.

3. Royal Albert North

Royal Albert North has 4 community facilities with a density of 3.9 facilities per km². The area has a higher density of galleries (0.97 compared to 0.19 per km²), cultural venues (0.97 compared to 0.33 per km²), public halls and exhibition halls (0.97 compared to 0.41 per km²) than the borough average.

4. Canning Town and Custom House

Canning Town and Custom House has 41 community facilities and has a higher density of facilities than the borough average with 14.77 facilities per km². The area has a higher density of community centres (4.32 compared to 1.99 per km²), education with shared spaces (0.72 compared to 0.55 per km²), youth zones (0.36 compared to 0.14 per km²), libraries (0.72 compared to 0.28 per km²), places of worship (6.12 compared to 5.68 per km²) and galleries (0.72 compared to 0.19 per km²) than the borough. There are no museums, public toilets or cultural facilities in the area.

5. Manor Road

Manor Road only has three community facilities. Excluding cultural facilities, the area is deficient in all community facilities.

6. Three Mills

Three Mills only has four community facilities. Excluding cultural facilities, the area is deficient in all community facilities.

7. Stratford and Maryland

Stratford and Maryland has 67 community facilities and a density of 18.53 facilities per km². Other than galleries and places of worship, the area has a higher density of facilities across all types than the borough average.

8. West Ham

West Ham has 19 community facilities. The area has a higher density of community centres (3.3 compared to 1.99 per km²) and places of worship (6.06 compared to 5.68 per km²) than the borough average. The area has no education facilities with shared facilities, youth zones, social clubs, libraries, public toilets, cultural facilities, public halls and exhibition halls, galleries or museums. It also has a lower density of public houses (1.1 compared to 1.57 facilities per km²) than the borough average.

9. Plaistow

Plaistow has 50 community facilities and the second highest density of community facilities in the borough (20 facilities per km²). The area has a lower density of social clubs, youth zones, museums, public halls and exhibition halls, and public toilets than the borough average. The area has a significantly higher density of places of worship than the borough average with 12 per km².

10. Beckton

Beckton has 22 community facilities. The area has a higher density of galleries (0.3 compared to 0.19 per km²), libraries (0.3 compared to 0.28 per km²), community centres (2.69 compared to 1.99 per km²) and youth zones (0.3 compared to 0.14 per km²) than the borough average.

11. East Ham South

East Ham South has 22 community facilities. Other than public toilets, social clubs, education spaces with shared facilities and cultural venues, the area is below the borough average for all other community facilities.

12. East Ham

East Ham South has 43 community facilities and a density of 14.39 community facilities per km². The area has a higher density of libraries (0.33 compared to 0.28 per km²), public toilets (0.67 compared to 0.19 per km²), places of worship (9.37 compared to 5.68 per km²), public halls and exhibition halls (1 compared to 0.41 per km²) and galleries (0.32 compared to 0.19 per km²) than the borough average.

13. Green Street

Green Street has 37 community facilities and has the highest density of community facilities in the borough with 25 facilities per km². The area doesn't have any cultural facilities, museums, social clubs, galleries, public halls or exhibition halls or youth zones.

14. Forest Gate

Forest Gate has 44 community facilities and the third highest density of facilities in the borough. The area has no cultural facilities, galleries or museums, public toilets or social clubs and a lower density of community centres (1.21 compared to 1.99 per km²) than the borough average.

15. Manor Park and Little Ilford

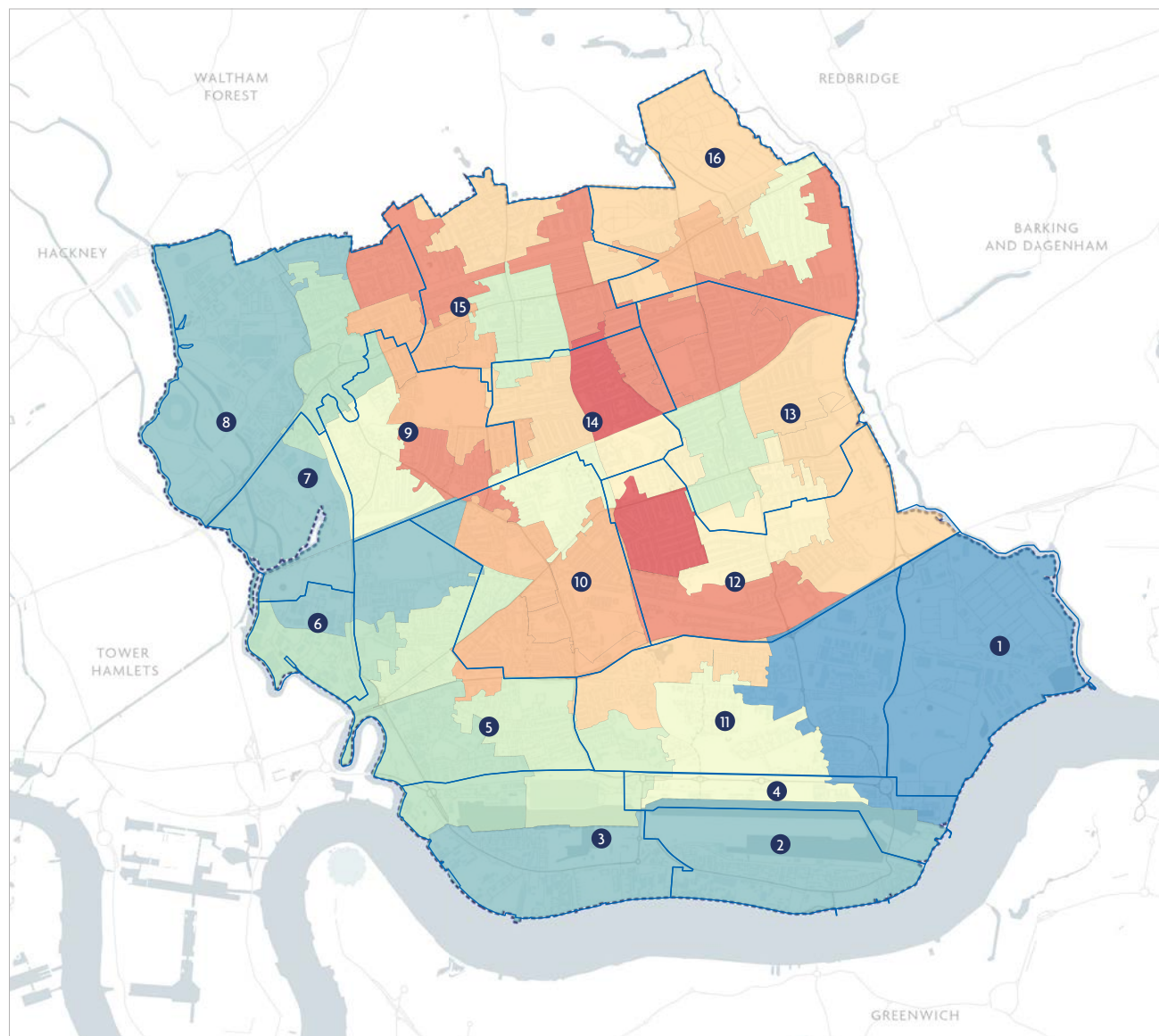
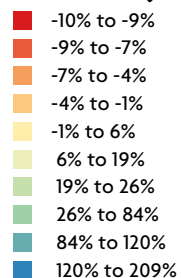
Manor Park and Little Ilford has 36 community facilities. The area has no cultural facilities, galleries or museums, public toilets or social clubs and a lower density of public houses (1.04 compared to 1.57 per km²), education with shared spaces (0.35 compared to 0.55 per km²), community centres (1.73 compared to 1.99 per km²), and public halls and exhibition halls (0.35 compared to 0.41 per km²) than the borough average.

APPENDIX B POPULATION GROWTH FOR CHARACTER AREAS

COMMUNITY CENTRES

- There are areas with existing community facility deficiencies that are also set to experience significant population growth.
- This is the case in Gallions Reach, Three Mills, Manor Road, North Woolwich, and Royal Victoria.
- Many of the areas with a high density of community facilities are projected to see a population decline by 2038.
- East Ham South, West Ham, Forest Gate, Manor Park and Little Ilford, East Ham, Plaistow and Green Street all have significant areas where populations are projected to decline.

GLA IDENTIFIED CAPACITY SCENARIO POPULATION GROWTH PROJECTIONS 2021 – 2038



APPENDIX C
15 MINUTE ISOCHRONES

APPENDIX C ISOCHRONE MAPPING

ISOCHRONE METHODOLOGY

- The following maps use a Geographic Information System (GIS) to create a 15 minute walking distance buffer around each community facility in the borough.
- The maps take into account the street network and pedestrian barriers to identify parts of the borough that are further than a 15 minute walk to community facilities.
- Isochrones are generated for each facility and overlaid to identify areas in the borough that are within a 15 minute walk to multiple facilities as darker areas on the maps.

EDUCATION WITH SHARED SPACES

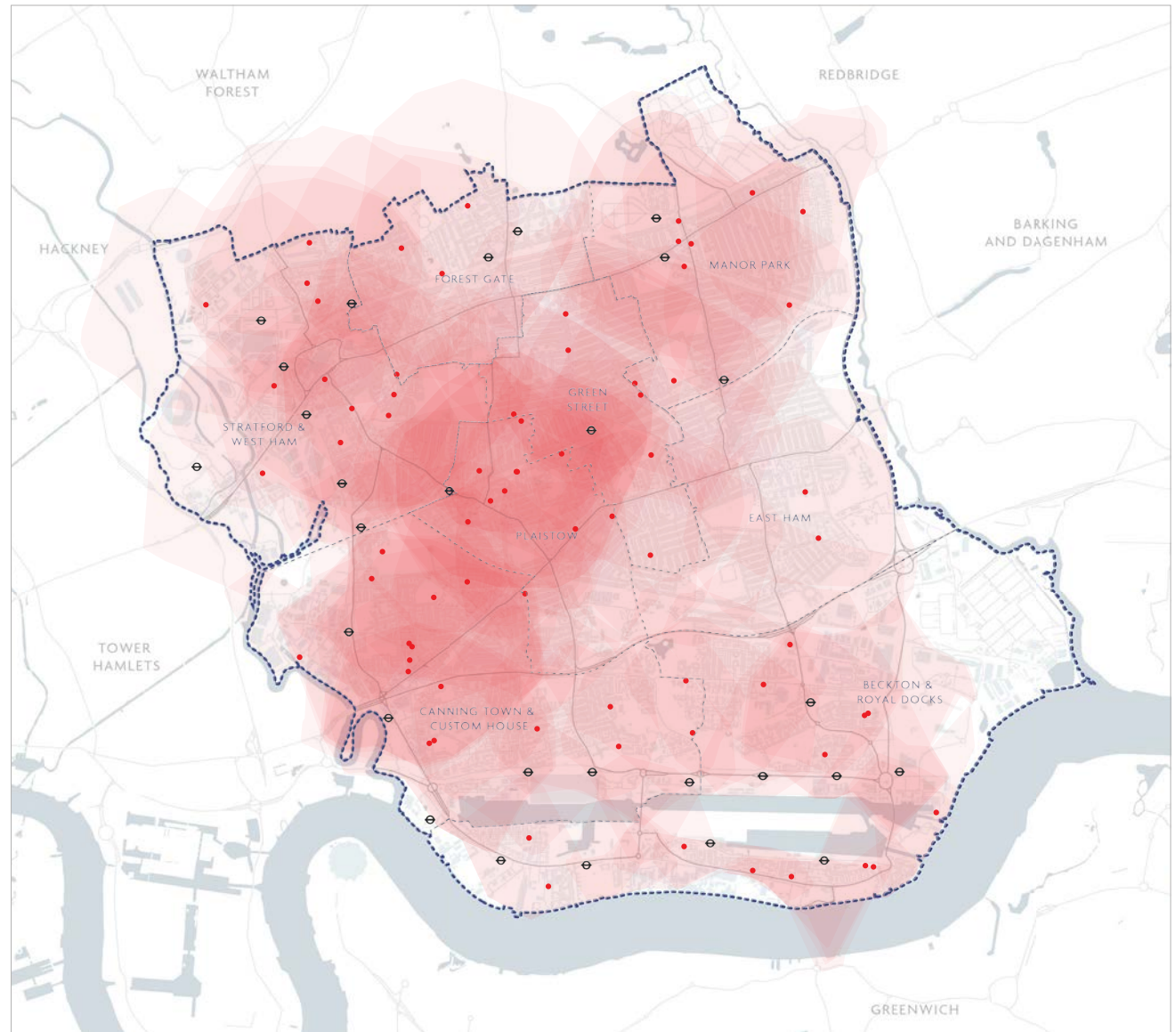
- Education facilities with shared community facilities are broadly evenly distributed across the borough.
- However, there are deficits in Stratford, the Royal Docks, North Woolwich, Royal Victoria and Gallions Reach.



APPENDIX C ISOCHRONE MAPPING

COMMUNITY CENTRES

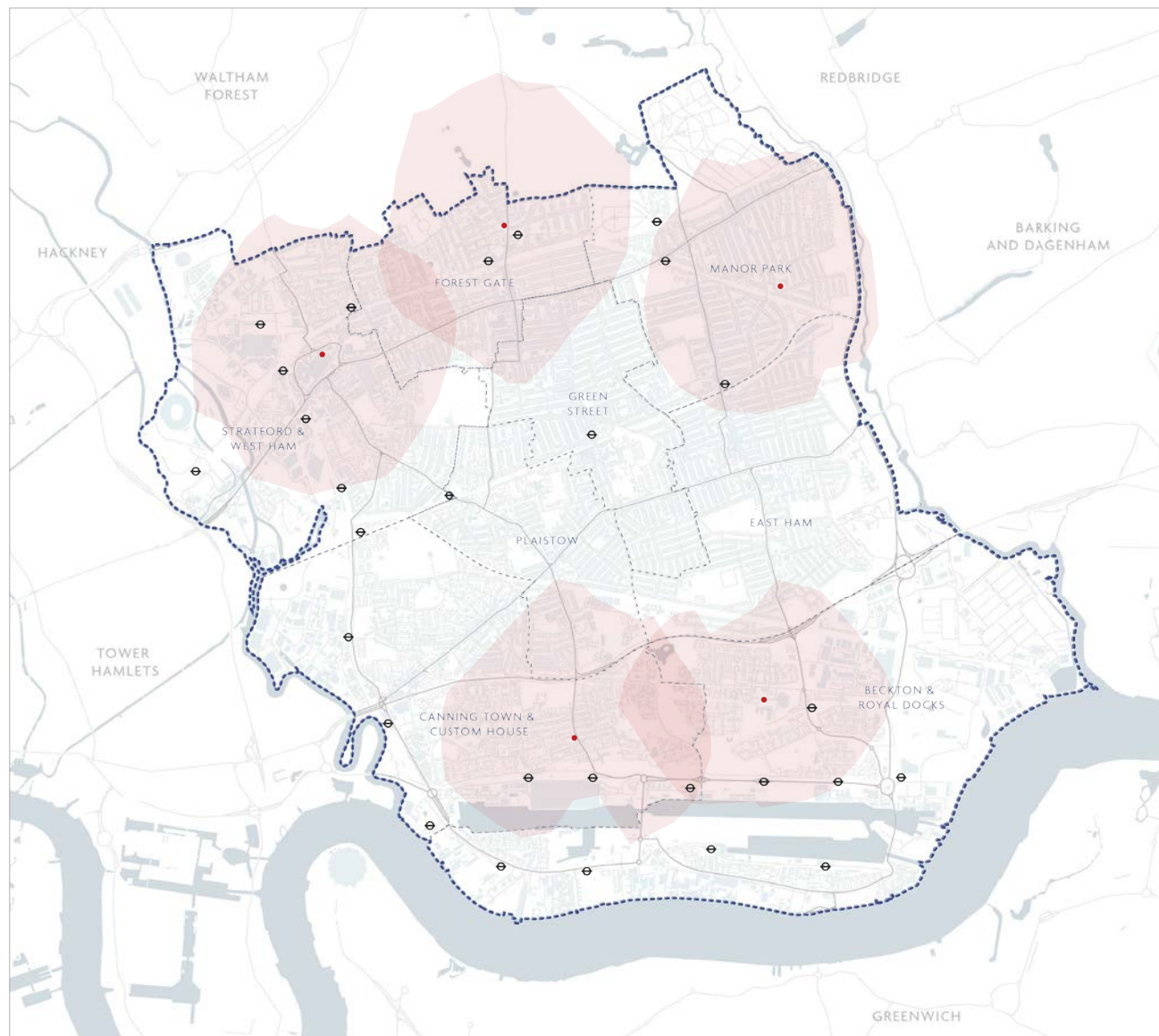
- Most of the borough falls within a 15 minute walk of a community centre.
- The only neighbourhoods that do not have access to a community centre within a 15 minute walk are industrial in nature - in Gallions Reach and on the eastern boundary of the borough.
- There are small areas outside of a 15 minute walk to a community centre in Manor Road and Royal Albert North.
- Canning Town and Custom House, Green Street and Plaistow have a dense concentration of community centres.



APPENDIX C ISOCHRONE MAPPING

YOUTH ZONES

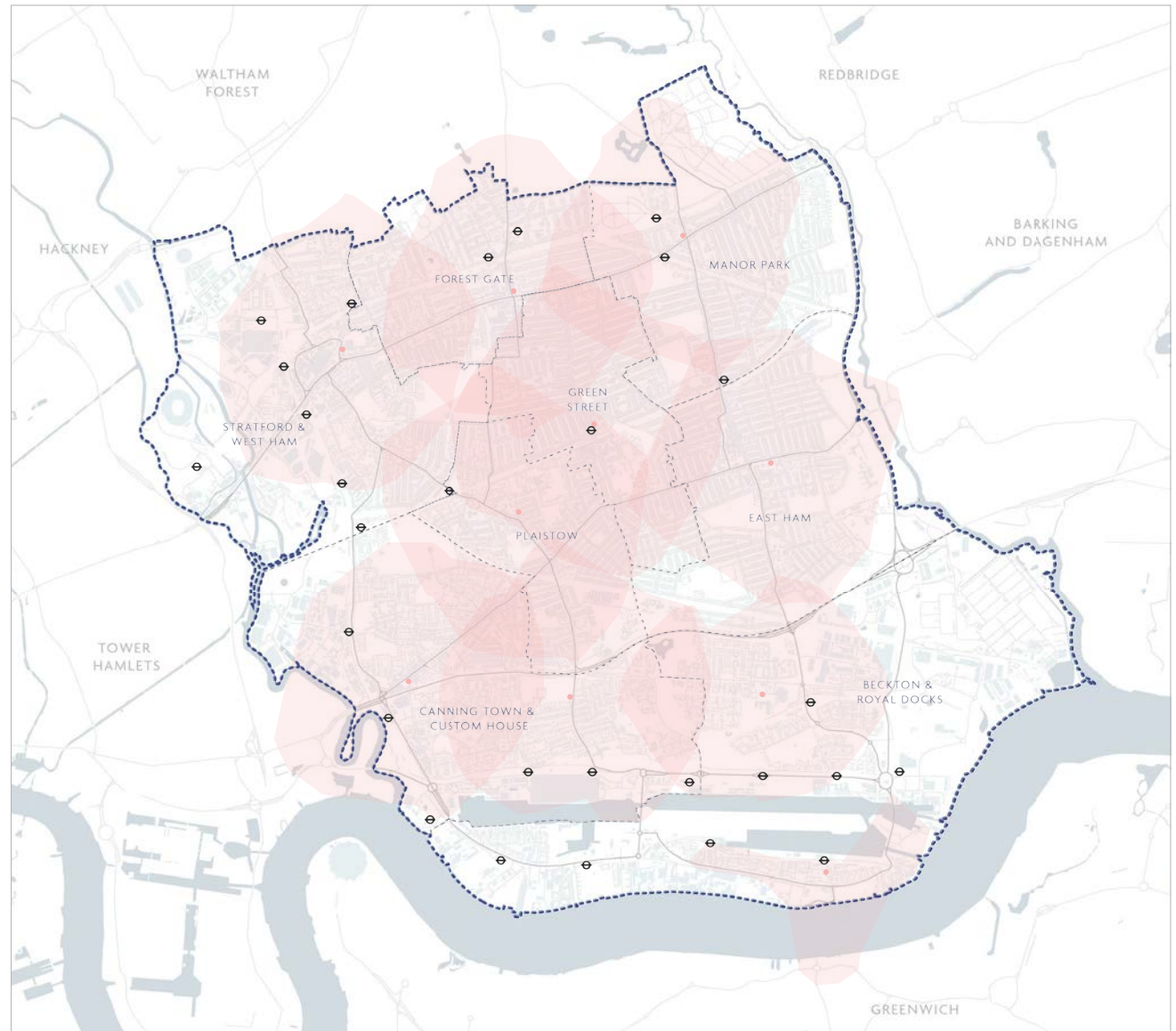
- Green Street, East Ham, Plaistow, Gallions Reach, Manor Road, Three Mills, Royal Victoria and North Woolwich as well as much of the north of Canning Town and Custom House fall outside of a 15 minute walk to a youth zone.



APPENDIX C ISOCHRONE MAPPING

LIBRARIES

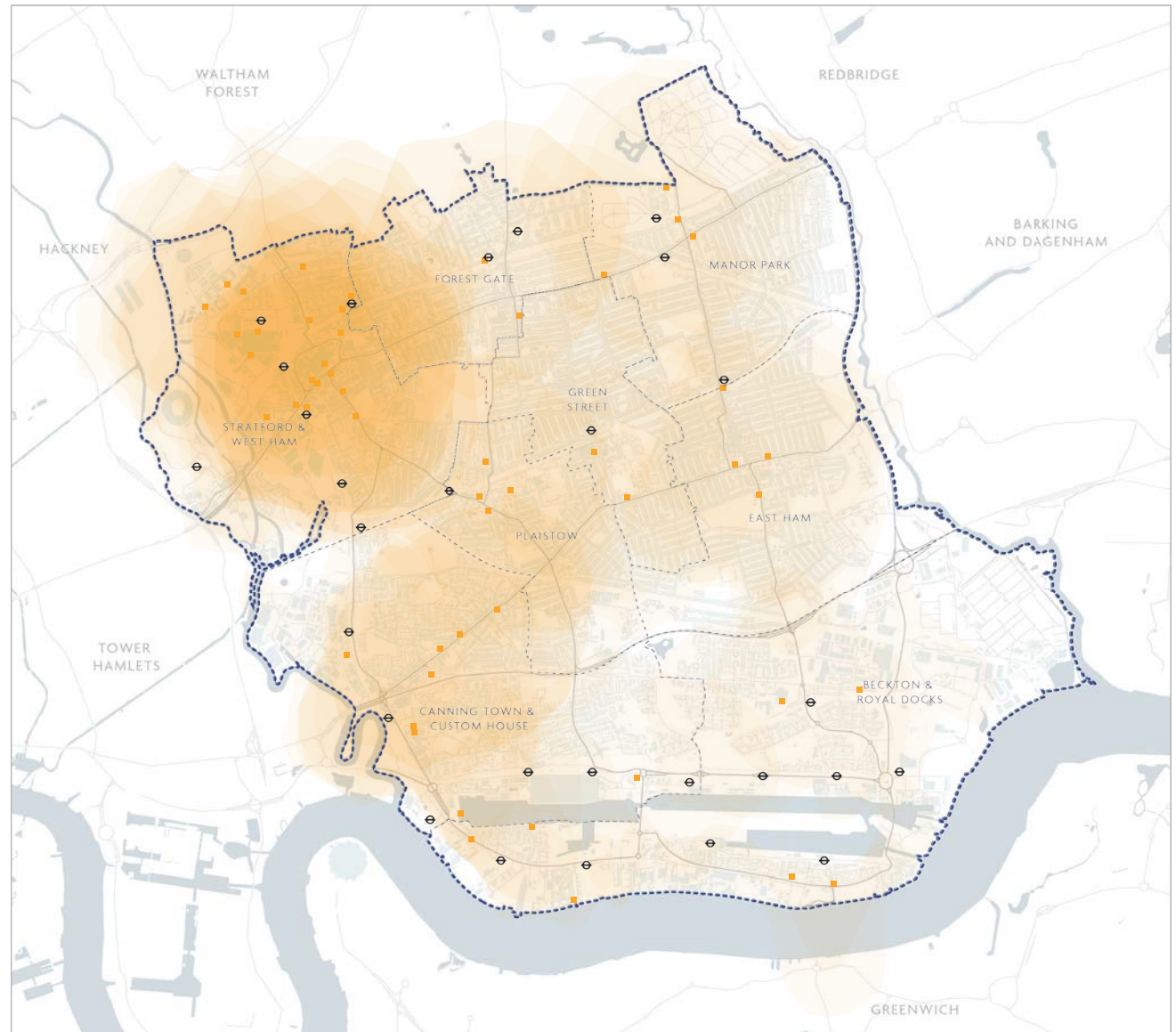
- Libraries are well-distributed across the borough.
- The only neighbourhoods that are not within a 15 minute walking distance from a library are in the west of Stratford, Royal Victoria and Gallions Reach as well as the very east of Manor Park and the south west of East Ham.



APPENDIX C ISOCHRONE MAPPING

PUBLIC HOUSES

- There is a concentration of public houses in Stratford, West Ham and Maryland.
- Very few parts of the borough are less than 15 minutes walking distance from a public house.
- There is a deficit in the east of Canning Town, Manor Road, south west of East Ham, the Royal Docks and in Gallions Reach.



APPENDIX C ISOCHRONE MAPPING

SOCIAL CLUBS

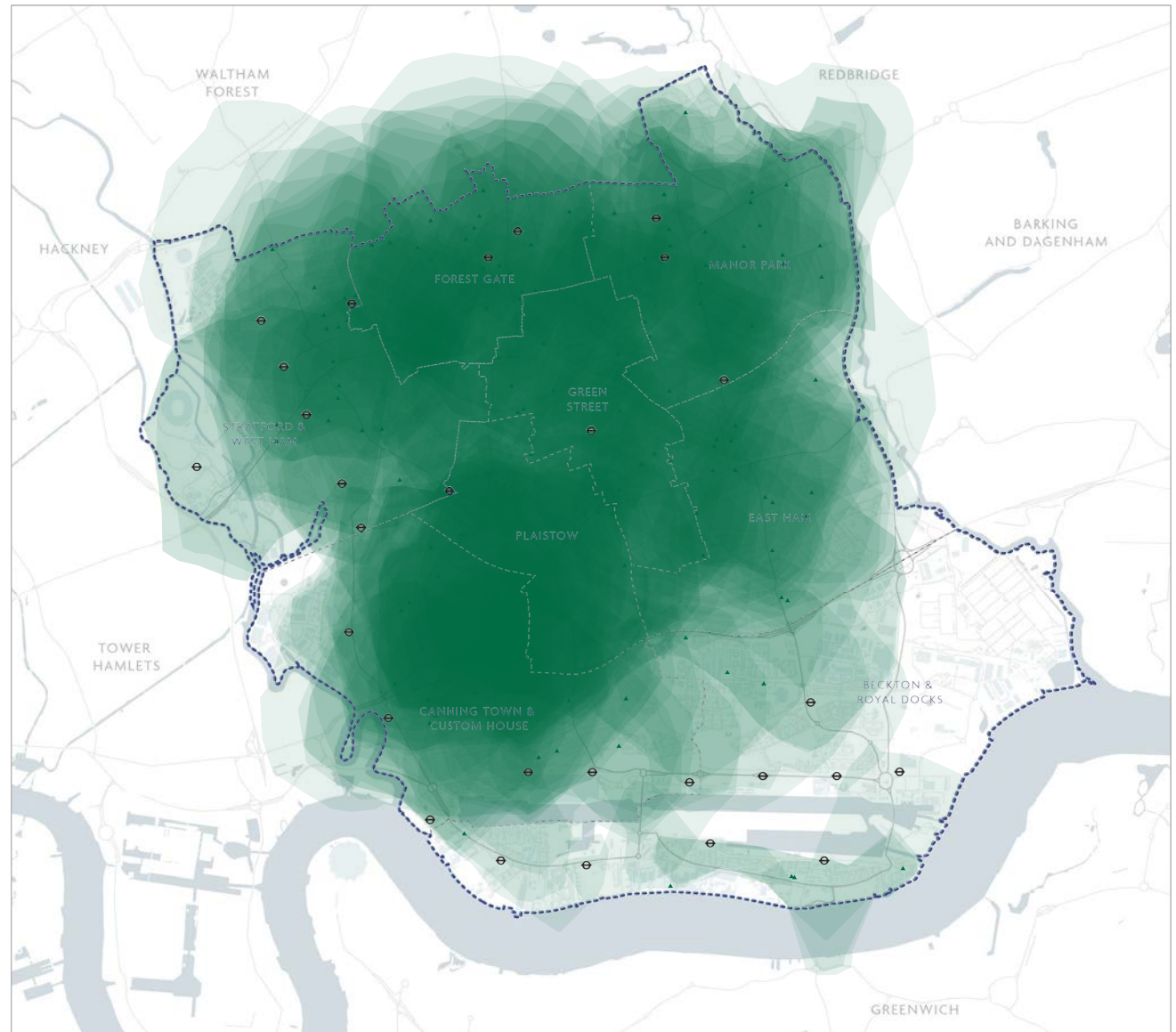
- There are only three social clubs in the borough, leaving many neighbourhoods outside of a 15 minute catchment area to a social club.
- Manor Park and Canning Town and Custom House are almost entirely outside of a 15 minute walking distance to a social club.
- Plaistow, Beckton and the Royal Docks, Stratford and West Ham and East Ham also have areas within their boundaries that are deficient.



APPENDIX C ISOCHRONE MAPPING

PLACES OF WORSHIP: CHRISTIANITY

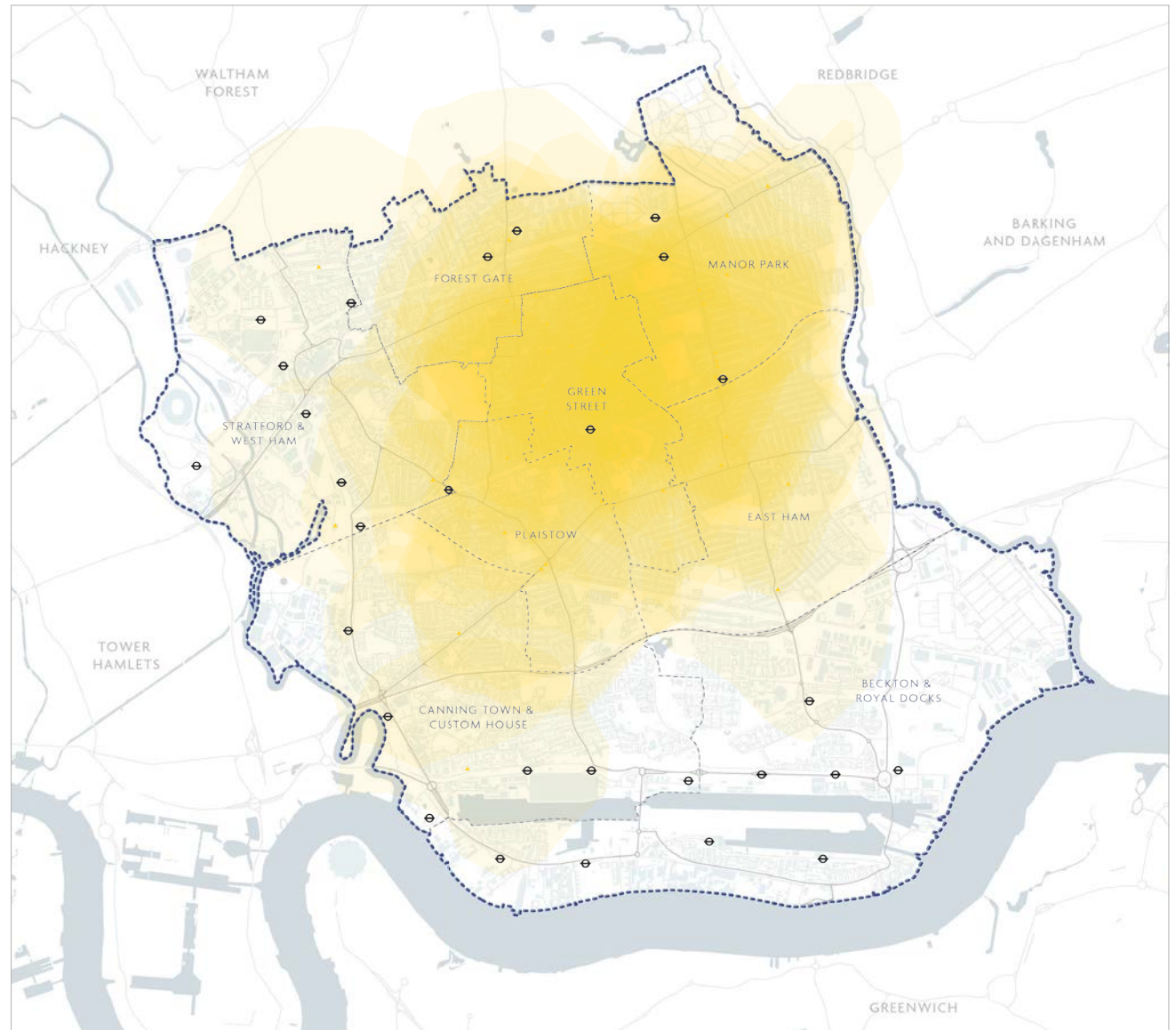
- There are 146 Christian places of worship in the borough.
- These are widely dispersed with only a few areas of deficit in Gallions Reach and Royal Albert North.



APPENDIX C ISOCHRONE MAPPING

PLACES OF WORSHIP: ISLAM

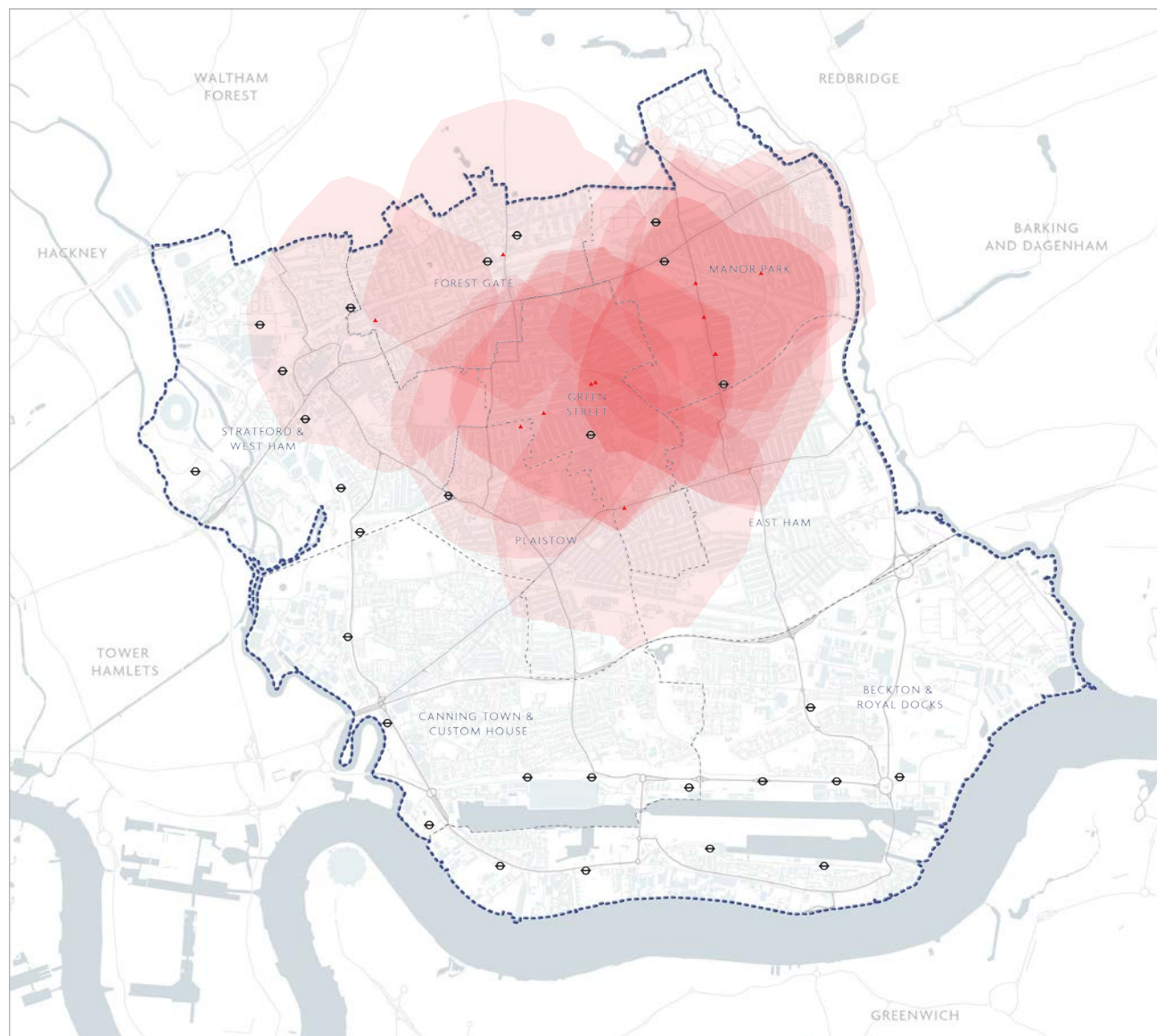
- There is a concentration of Muslim places of worship in the north east and centre of the borough.
- There is a deficit in the west of Stratford and along the western boundary of the borough with Tower Hamlets, as well as in the Royal Docks, Beckton and Gallions Reach.



APPENDIX C ISOCHRONE MAPPING

PLACES OF WORSHIP: HINDUISM

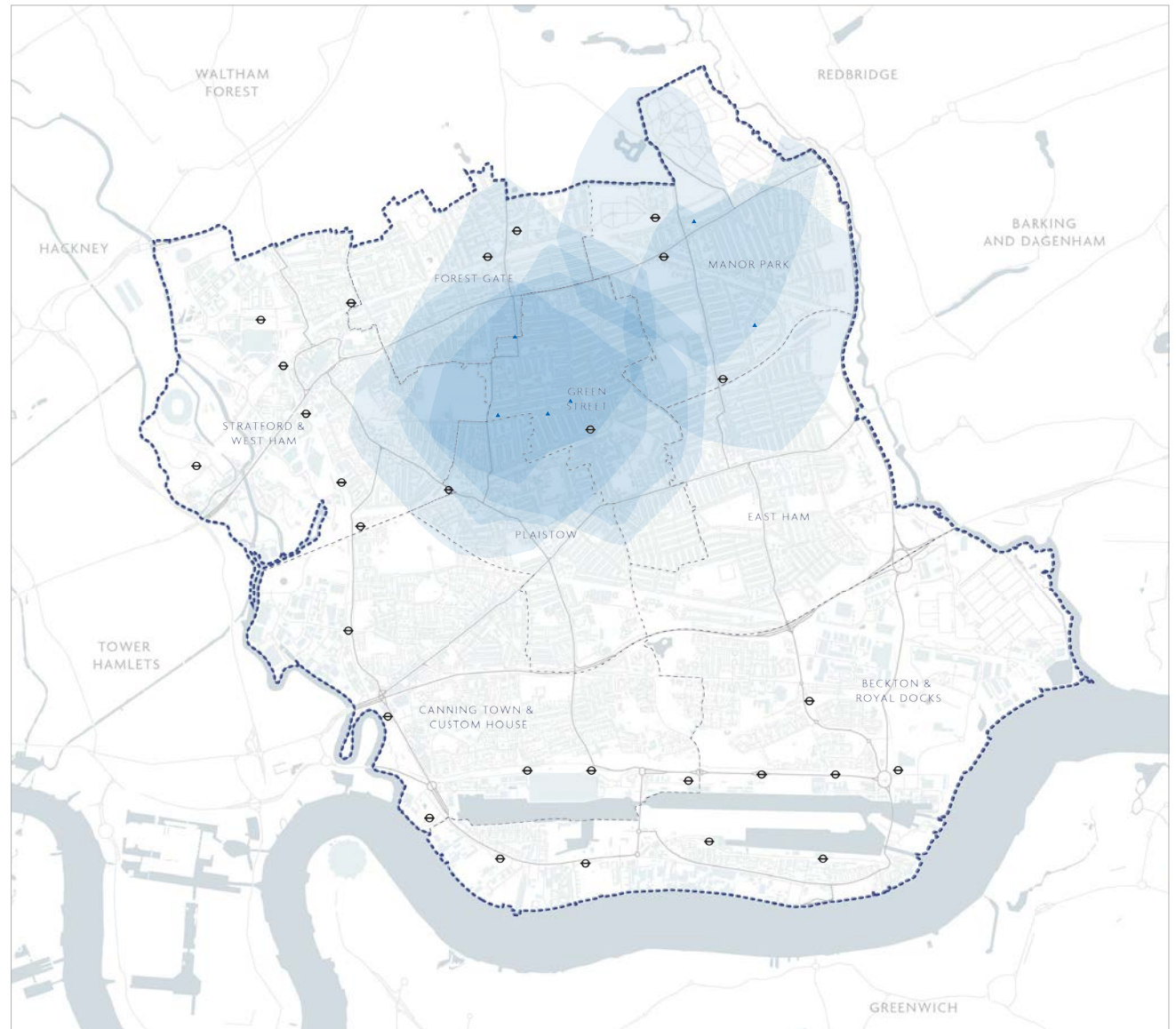
- Hindu places of worship are concentrated in the north east of the borough.
- Much of Stratford, Canning Town and Custom House, the Royal Docks, Beckton and the south east of East Ham fall outside a 15 minute walking distance to a Hindu place of worship.
- There is a particularly high concentration in Green Street and Manor Park with several places of worship in close proximity to one another.



APPENDIX C ISOCHRONE MAPPING

PLACES OF WORSHIP: SIKHISM

- Sikh places of worship are concentrated in Green Street and Manor Park.
- There are no Sikh places of worship located outside of these two community neighbourhoods,
- Other than parts of Forest Gate, Plaistow and Stratford and West Ham, the rest of the borough falls outside of a 15 minute walk to a Sikh Place of worship.



APPENDIX C ISOCHROME MAPPING

CULTURAL FACILITIES

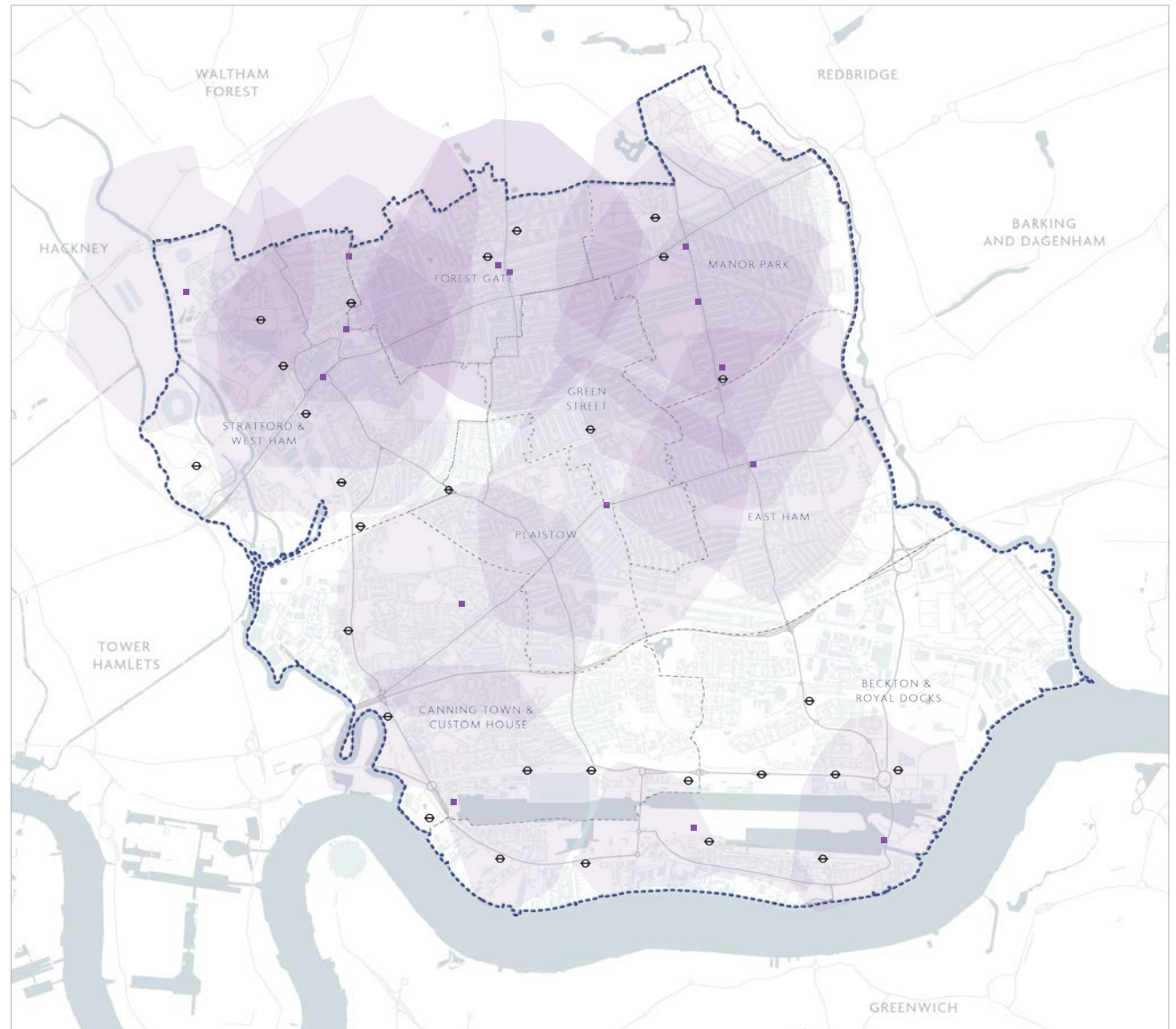
- Cultural facilities, which include cinemas, dance halls, theatres and music venues, are spatially concentrated in Stratford and West Ham.
- Stratford and West Ham is the only part of the borough with an existing cultural cluster and the arrival of new cultural venues at East Bank will further strengthen this cluster and accentuate existing spatial disparities.
- Much of the borough is further than a 15 minute walk to a cultural facility.
- This deficit is particularly marked in Manor Park, East Ham, Beckton and the Royal Docks, and parts of Forest Gate and Canning Town and Custom House.



APPENDIX C ISOCHRONE MAPPING

PUBLIC HALLS AND EXHIBITION HALLS

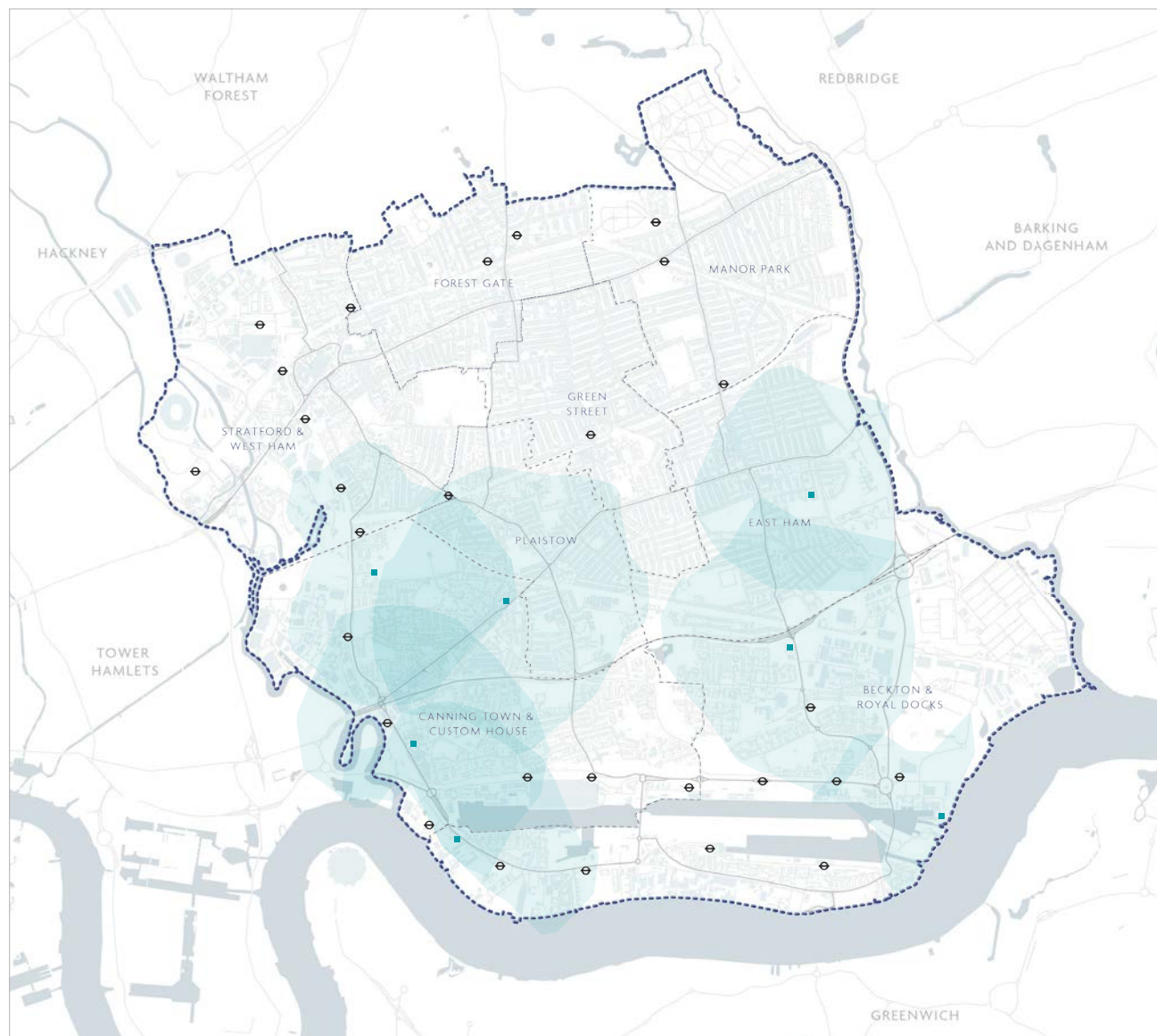
- Public halls and exhibition halls are evenly distributed across the borough.
- The only areas of deficit are in Gallions Reach, Beckton, east of Canning Town and Custom House and the north west corner of Plaistow.



APPENDIX C ISOCHRONE MAPPING

GALLERIES

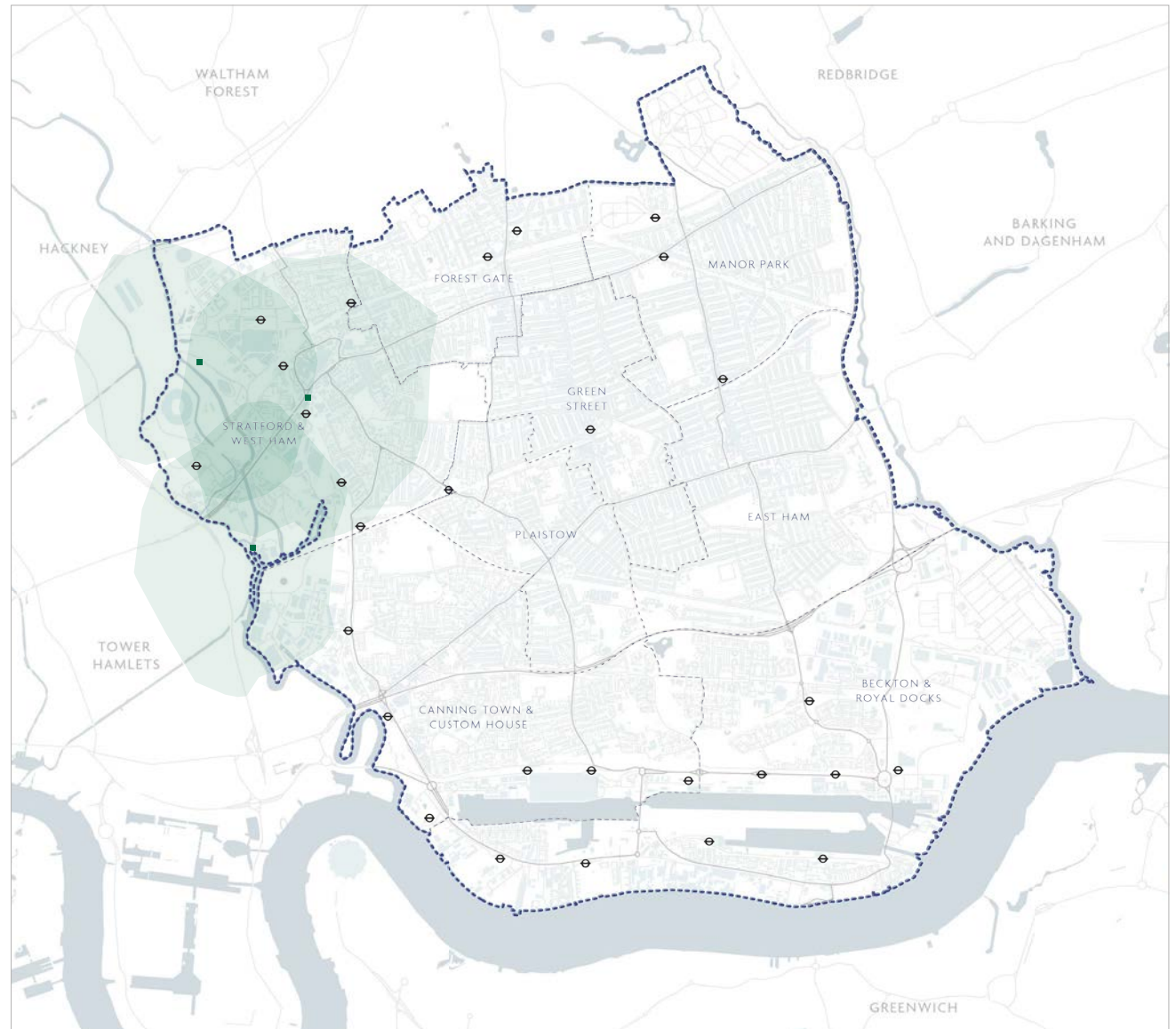
- Galleries are concentrated in the south of the borough.
- There is a deficit of galleries in Green Street, Forest Gate, Manor Park, Stratford and West Ham, Custom House, North Woolwich and Gallions Reach.
- Canning Town and Custom House, and Royal Victoria are well-served by a few galleries.



APPENDIX C ISOCHRONE MAPPING

MUSEUMS

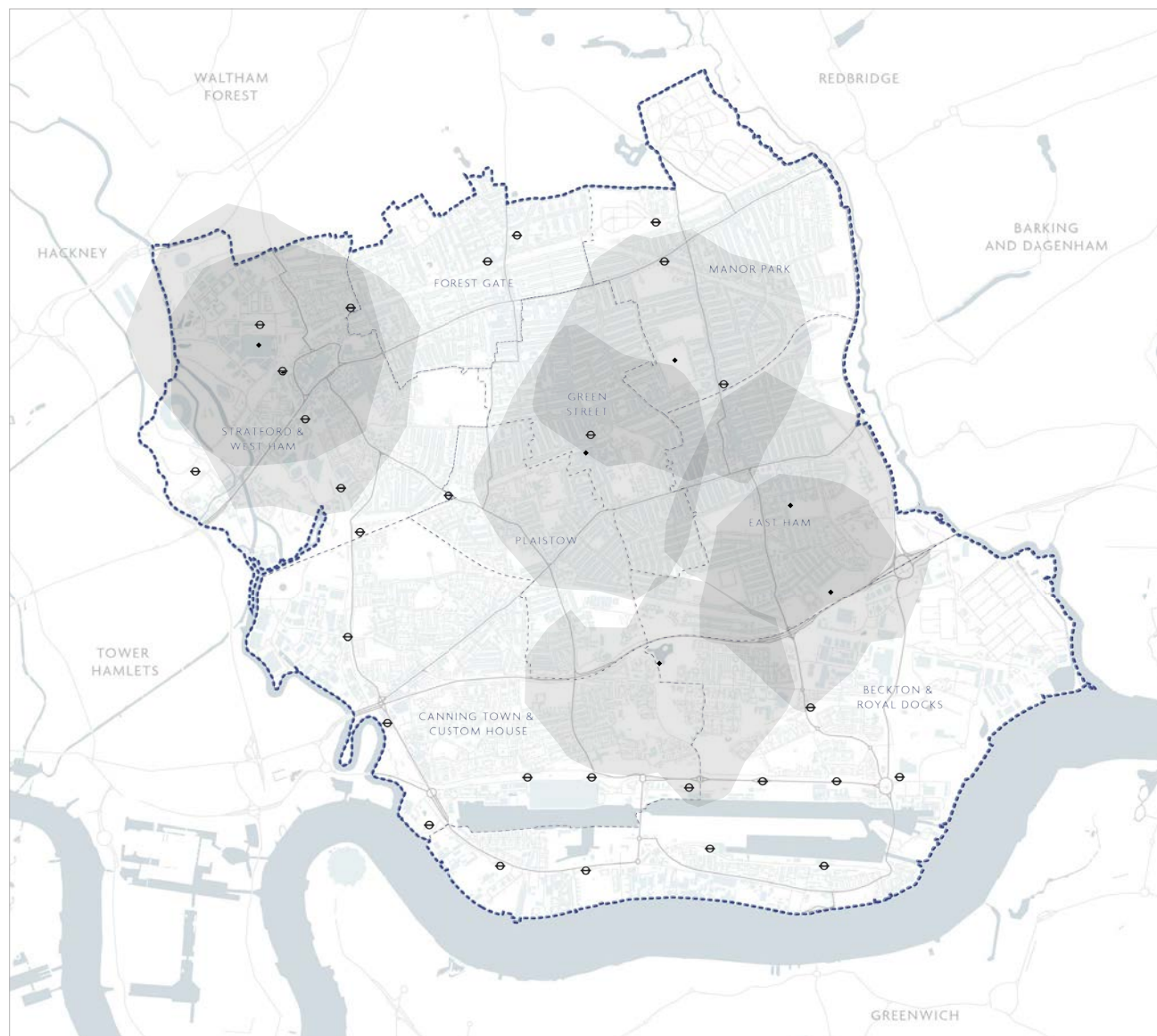
- Museums are very spatially concentrated in the north west of the borough.
- The vast majority of the borough's population lives significantly further away than a 15 minute walk to a museum.
- All but a few neighbourhoods in Manor Park and west of Forest Gate are outside of a 15 minute walk to the borough's museums.



APPENDIX C ISOCHROME MAPPING

PUBLIC TOILETS

- Public toilets are concentrated in Stratford and West Ham, East Ham, Beckton, Green Street and Manor Park.
- Royal Victoria, North Woolwich, Canning Town, Gallions Reach and Forest Gate are all beyond a 15 minute walk to a public toilet.



Publica

Hamilton House
1 Temple Avenue
Temple, London EC4Y 0HA
+44 (0)207 490 3986

www.publica.co.uk

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