

Facilities Planning Model Assessment of
Sports Hall Provision for
Southend-on-Sea City Council

Layered Maps

5 May 2026

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Population distribution based on 2021 Census data for output areas. Population total modified by 2022-based Subnational Population Projections for Local Authorities. Adapted from data from the Office for National Statistics licensed under the Open Government Licence v.3.0. London boroughs modified by © GLA 2022-based demographic projections – ward populations, identified capacity scenario.

Index of Multiple Deprivation data contains public sector information licensed under the Open Government Licence v3.0.

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1 DEMAND FOR SPORTS HALLS

Run 1: Existing Provision with Demand in 2026

Run 2: Existing Provision with Demand in 2045

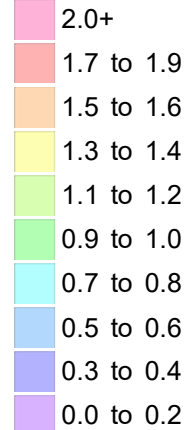
Run 3: Existing Provision with Potential Urban Extension in 2045

Housing Allocations 2045 | Run 2 – Low Growth Scenario

Housing Allocations 2045 | Run 3 – High Growth Scenario

Deprivation 2019

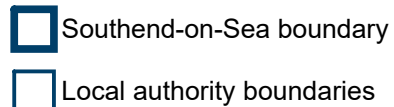
Peak period demand per square kilometre expressed as units of badminton courts



Sports halls included in run

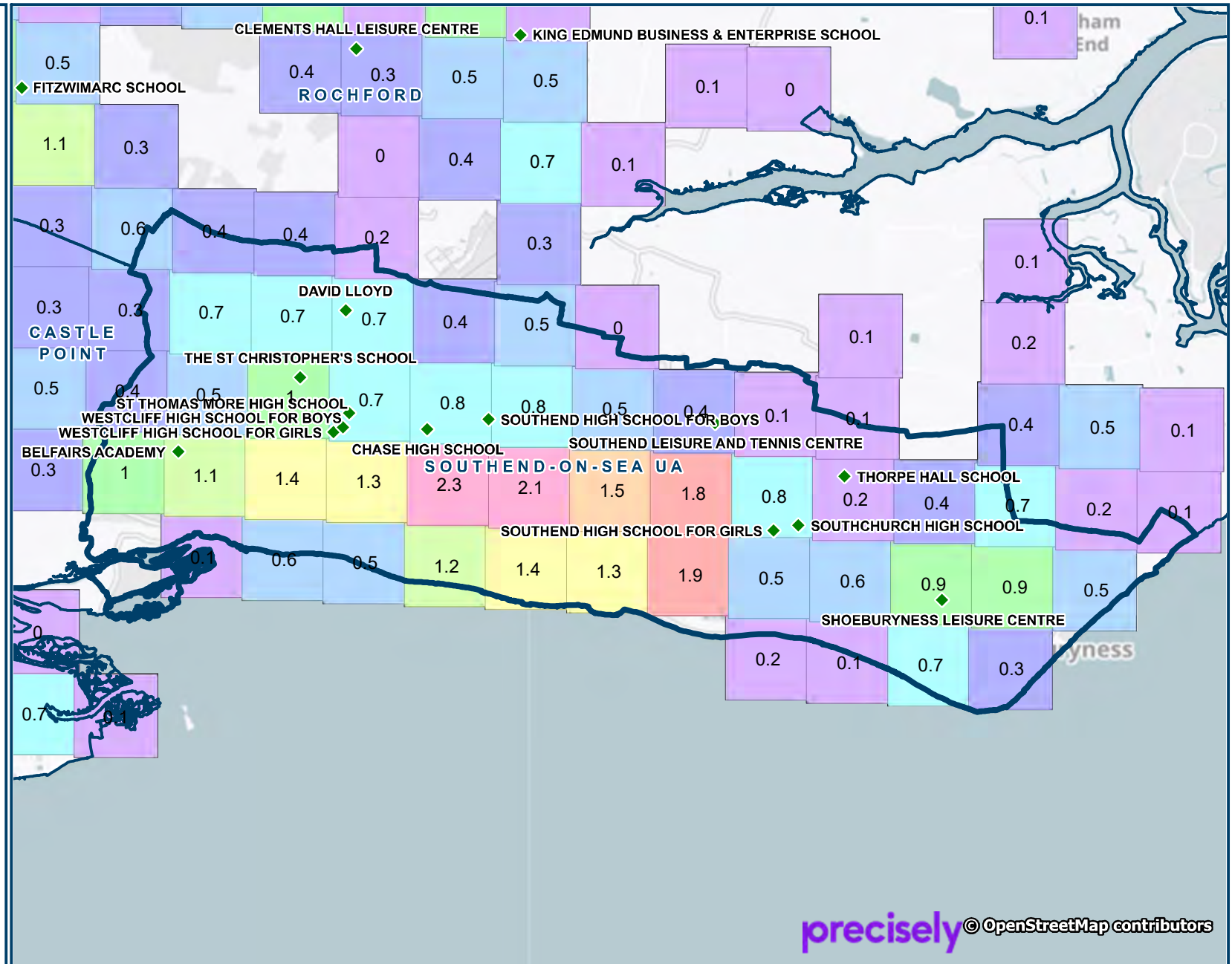
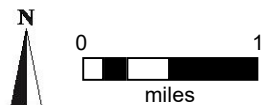
◆ Existing sports hall

Boundaries

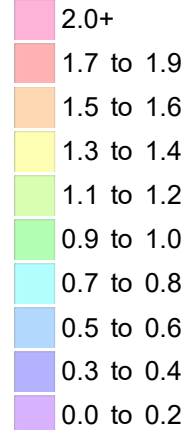


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Peak period demand per square kilometre expressed as units of badminton courts



Sports halls included in run

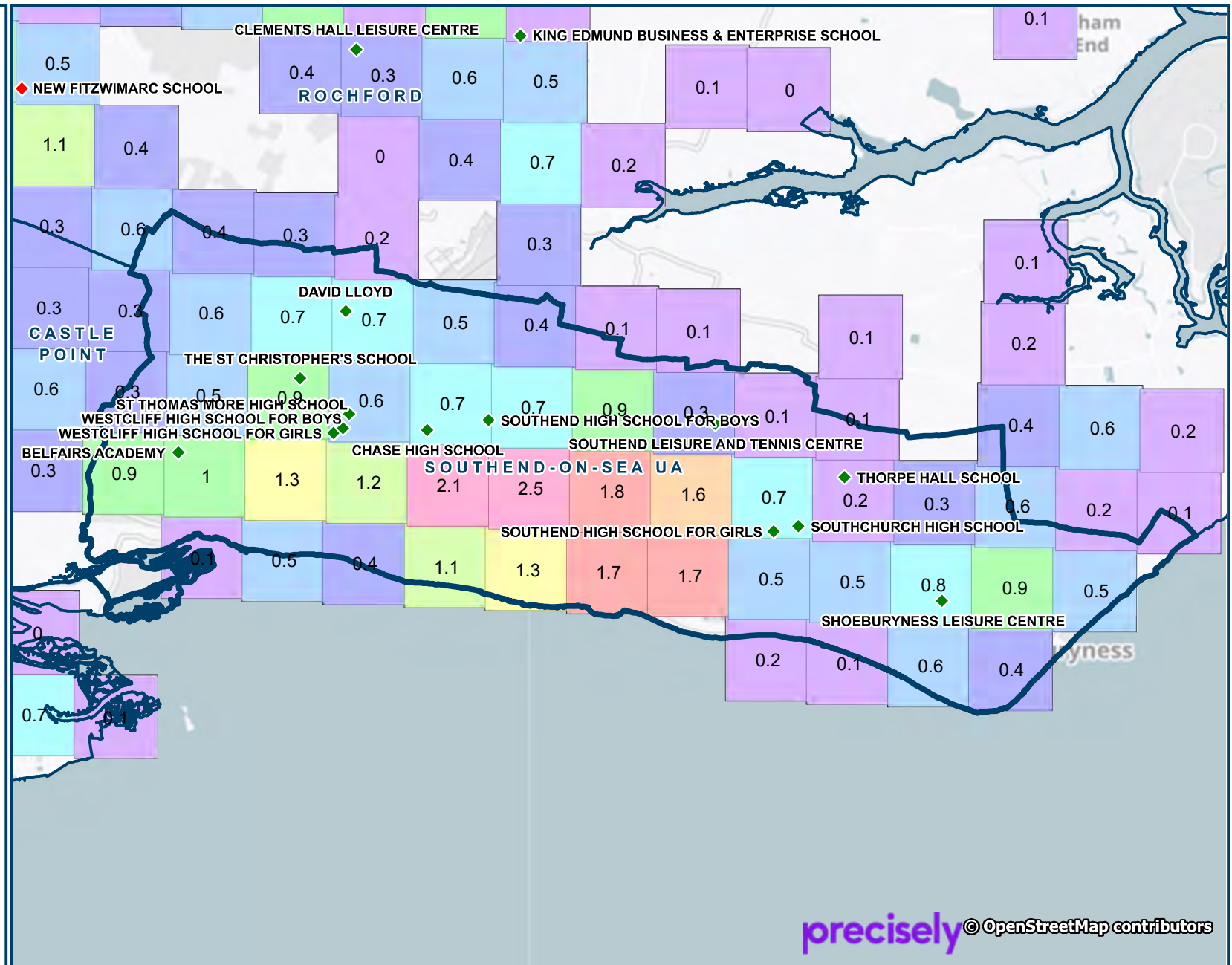
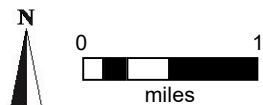
- Existing sports hall (Green diamond)
- Future sports hall (Red diamond)

Boundaries

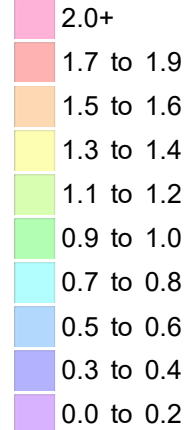
- Southend-on-Sea boundary (Thick blue line)
- Local authority boundaries (Thin blue line)

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Peak period demand per square kilometre expressed as units of badminton courts



Sports halls included in run

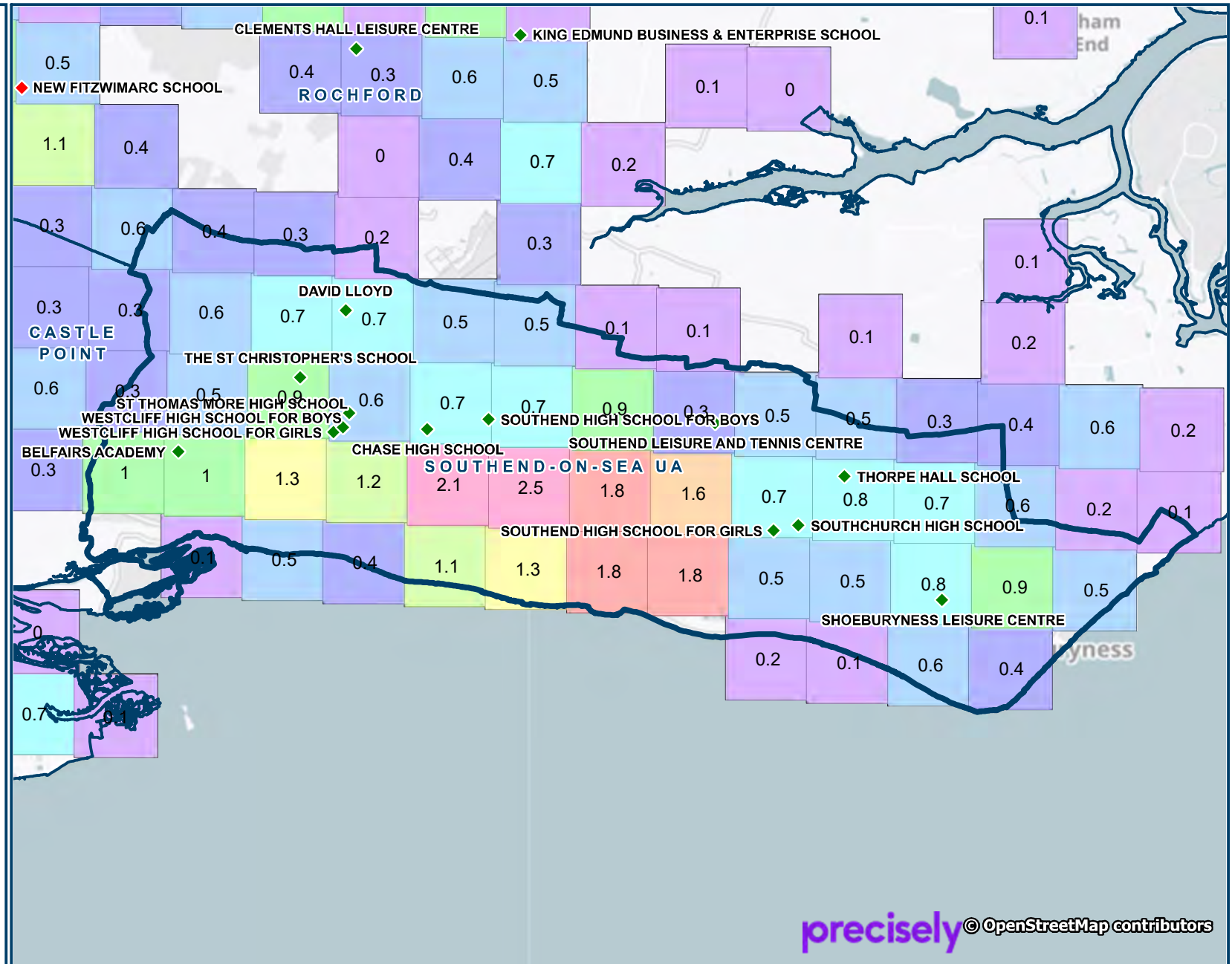
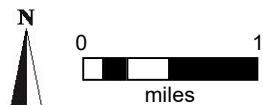
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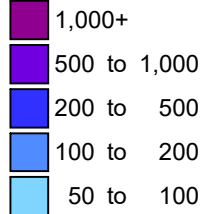
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Housing sites and allocations supplied by Council.

Housing Allocations (areas over 50 units)



Facilities Included in Runs

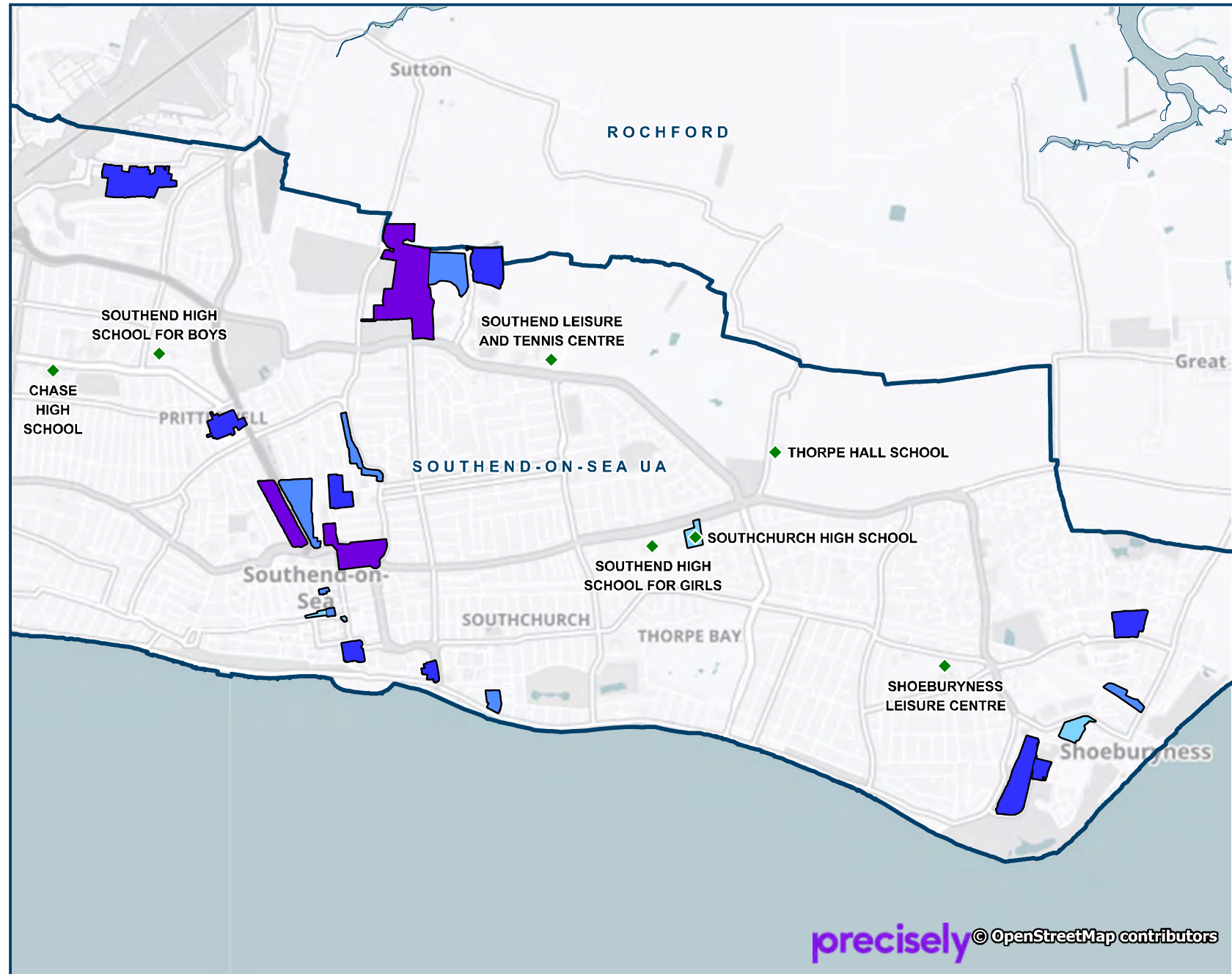
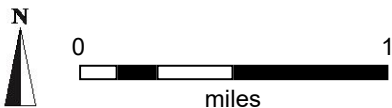
- Existing Sports Hall Location

Boundaries

- Southend-on-Sea
- Neighbouring Local Authorities

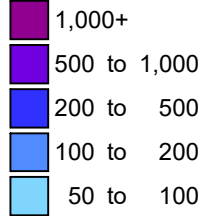
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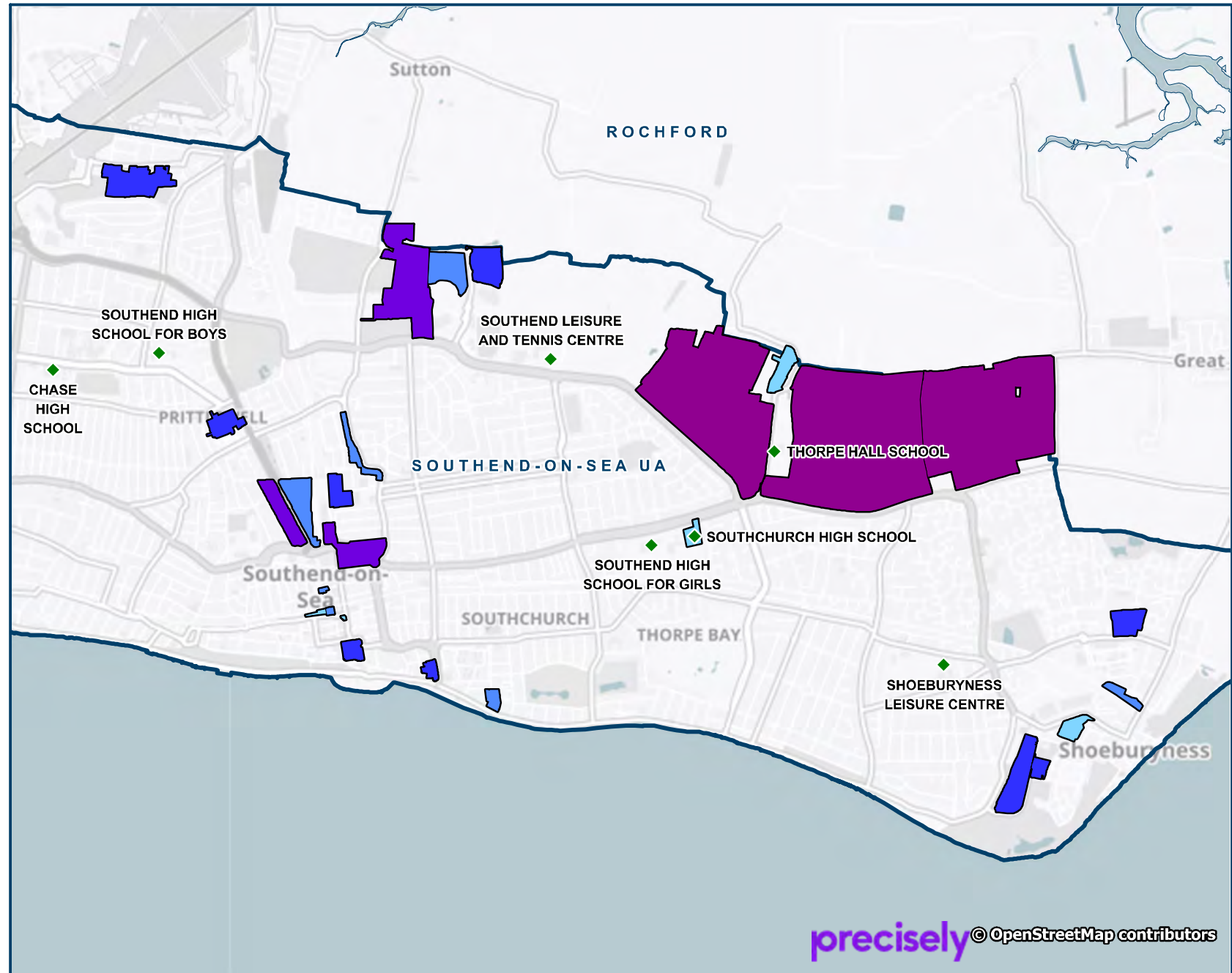
- Existing Sports Hall Location

Boundaries

- Southend-on-Sea
- Neighbouring Local Authorities

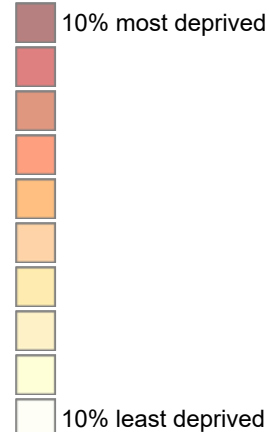
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Deprivation shown thematically (colours) at lower super output area level by decile.

Index of Multiple Deprivation (2019)



Facilities Included in Runs

◆ Existing Sports Hall Location

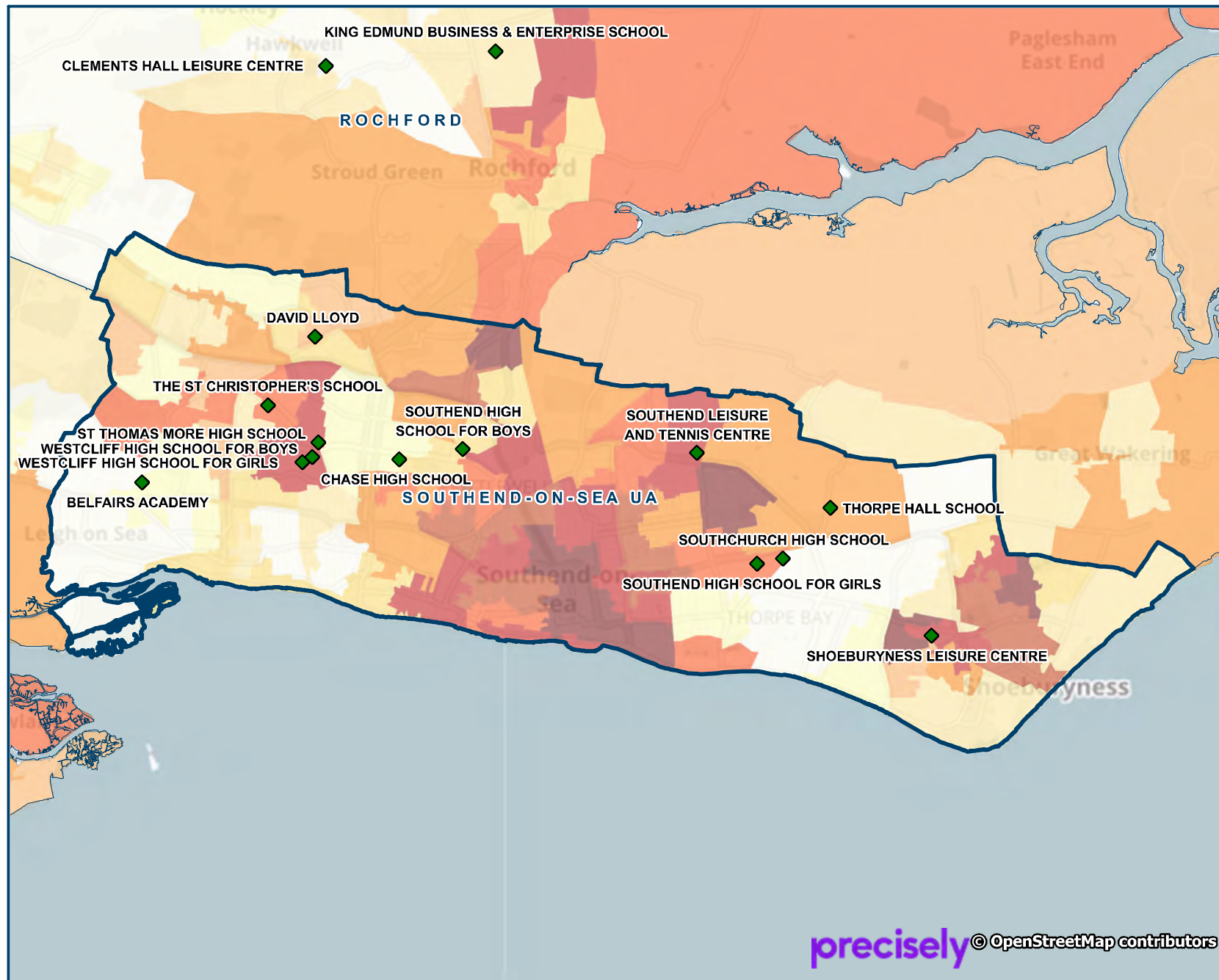
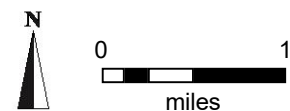
Boundaries

Southend-on-Sea

Neighbouring Local Authorities

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2 TRAVEL ACCESS TO SPORTS HALLS

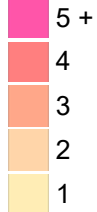
Run 1: Existing Provision with Demand in 2026

Run 2: Existing Provision with Demand in 2045

Run 3: Existing Provision with Potential Urban Extension in 2045

Public Transport Access

Number of sports hall sites within a 20-minute walk time of output area centroids (approx. 1 mile)



Number of sports hall sites within a 20-minute drive time of output area centroids



Sports halls included in run

◆ Existing sports hall

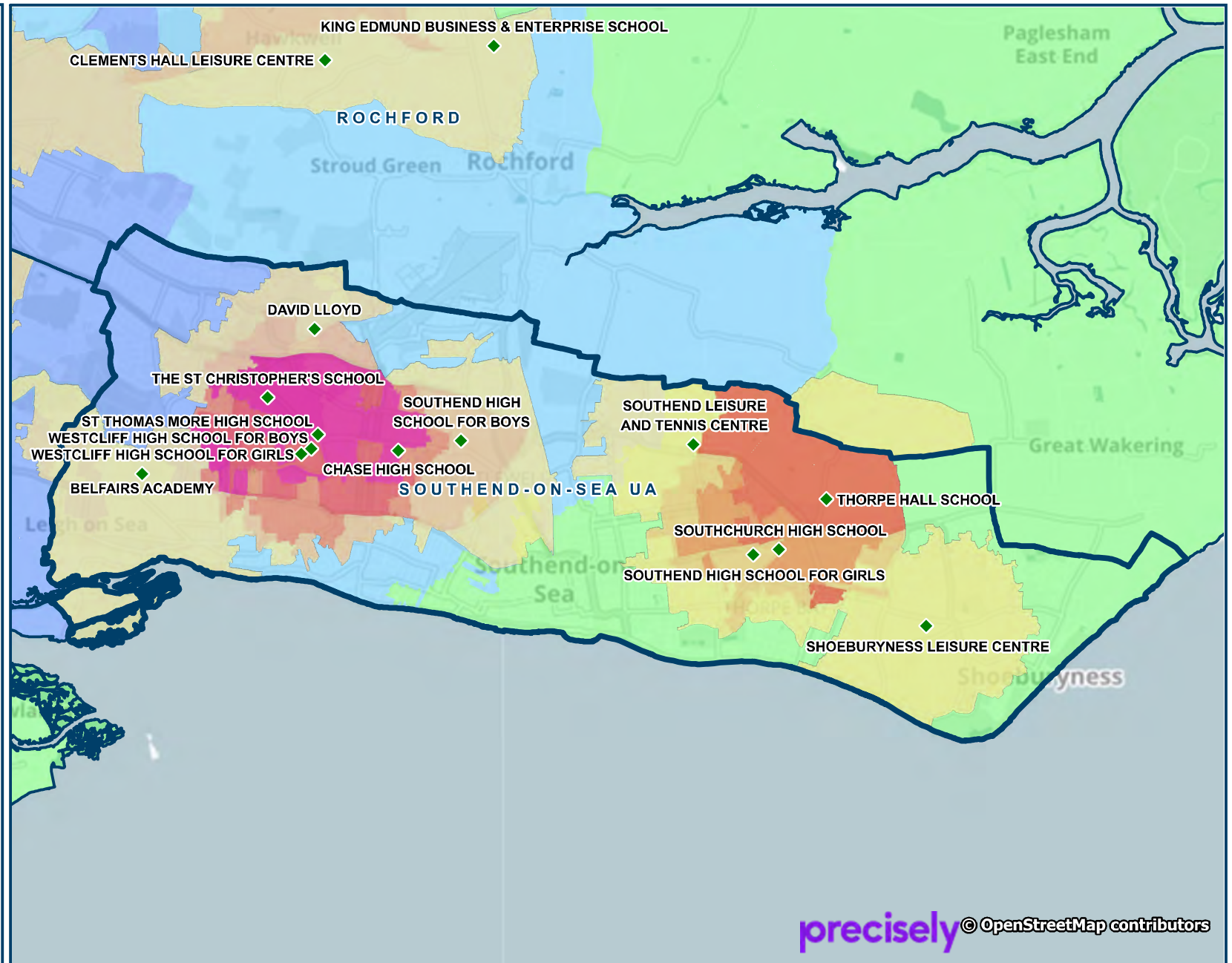
Boundaries

Southend-on-Sea boundary

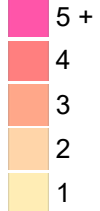
Local authority boundaries

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Number of sports hall sites within a 20-minute walk time of output area centroids (approx. 1 mile)



Number of sports hall sites within a 20-minute drive time of output area centroids



Sports halls included in run

◆ Existing sports hall

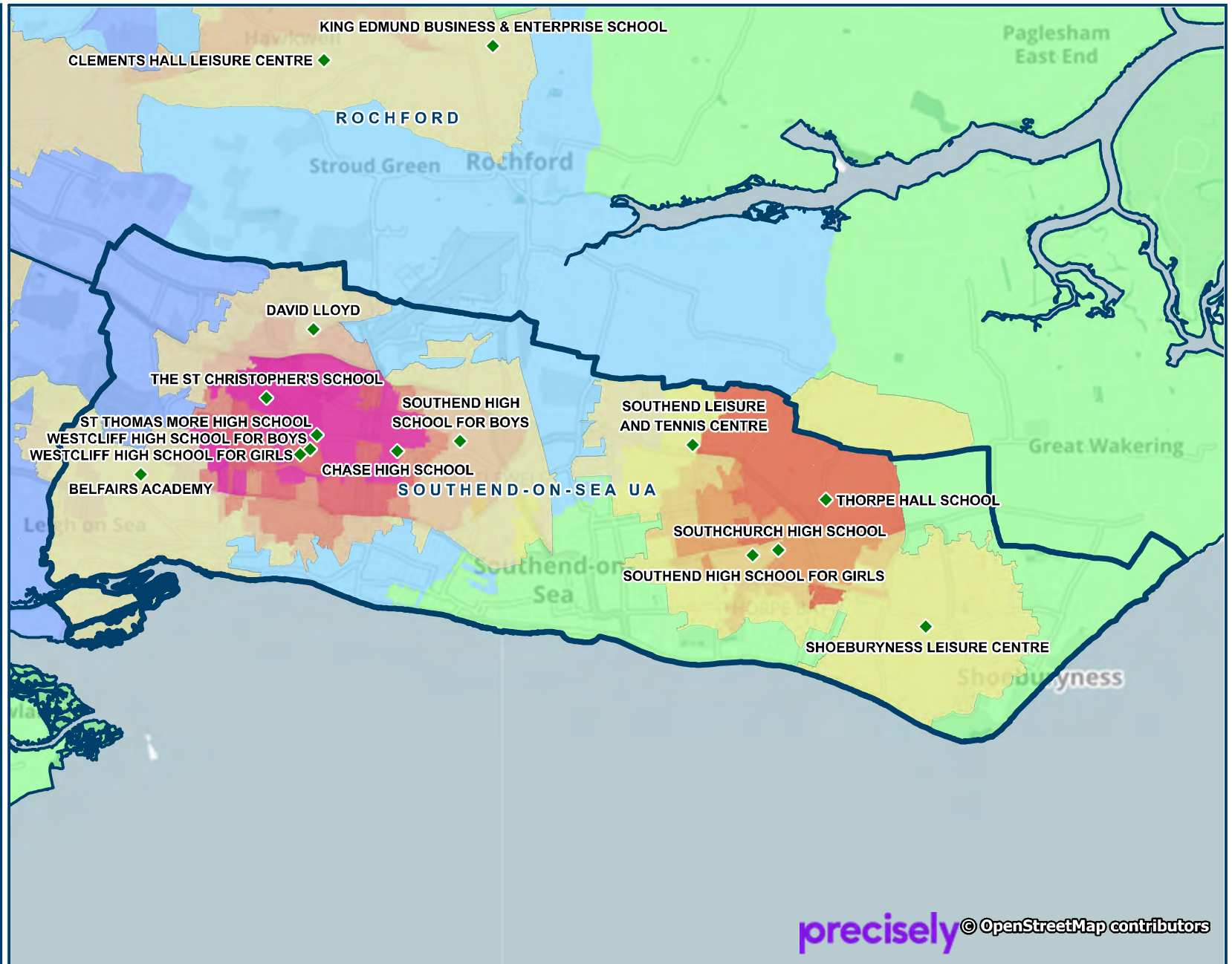
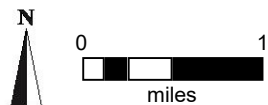
Boundaries

□ Southend-on-Sea boundary

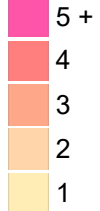
□ Local authority boundaries

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Number of sports hall sites within a 20-minute walk time of output area centroids (approx. 1 mile)



Number of sports hall sites within a 20-minute drive time of output area centroids



Sports halls included in run

◆ Existing sports hall

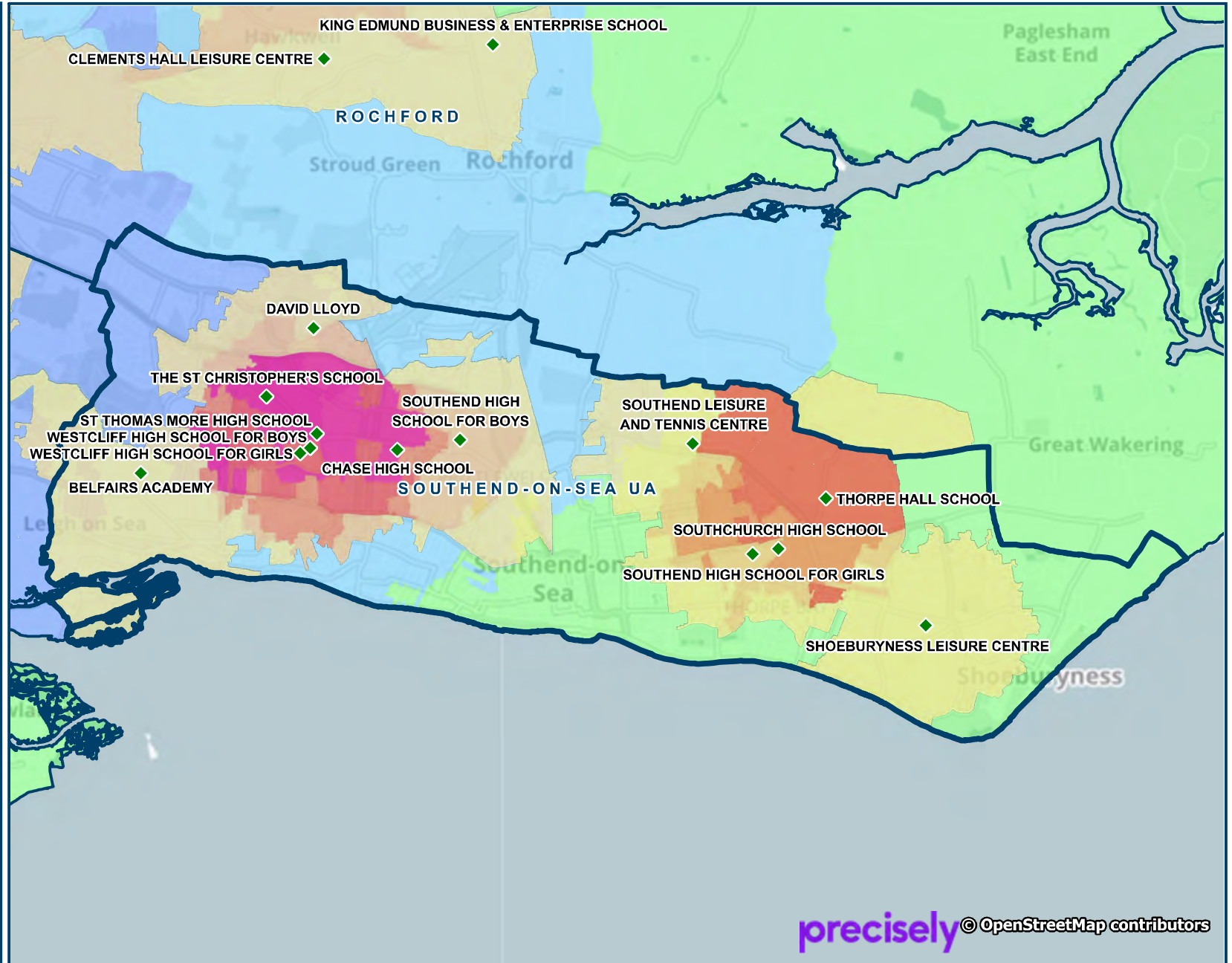
Boundaries

Southend-on-Sea boundary

Local authority boundaries

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Areas within walking time shown thematically (colours) from bus, coach and tram stops, and railway, metro and underground stations.

Public Transport

- Railway/Metro/Underground Station

Walk Time from Station

- 5 minutes
- 10 minutes
- 15 minutes

Walk Time from Bus Stop

- 5 minutes

Facilities Included in Runs

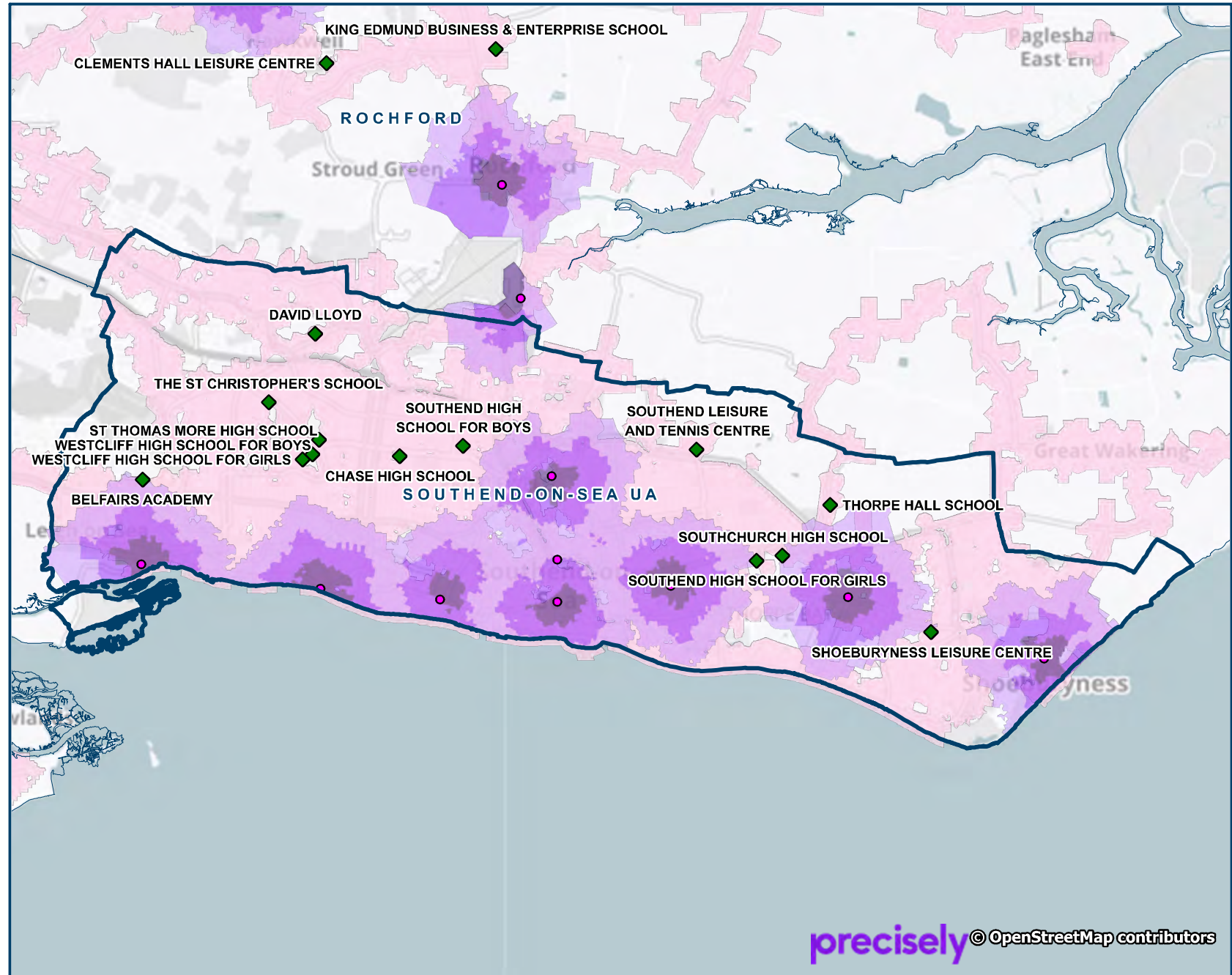
- ◆ Existing Sports Hall Location

Boundaries

- Southend-on-Sea
- Neighbouring Local Authorities

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3 EXPORT OF SATISFIED DEMAND AND IMPORT OF USED CAPACITY

Run 1: Existing Provision with Demand in 2026

Run 2: Existing Provision with Demand in 2045

Run 3: Existing Provision with Potential Urban Extension in 2045

The figure within each chevron is the number of visits in the weekly peak period from that local authority met at the other local authority.

> > > > Direction of flow

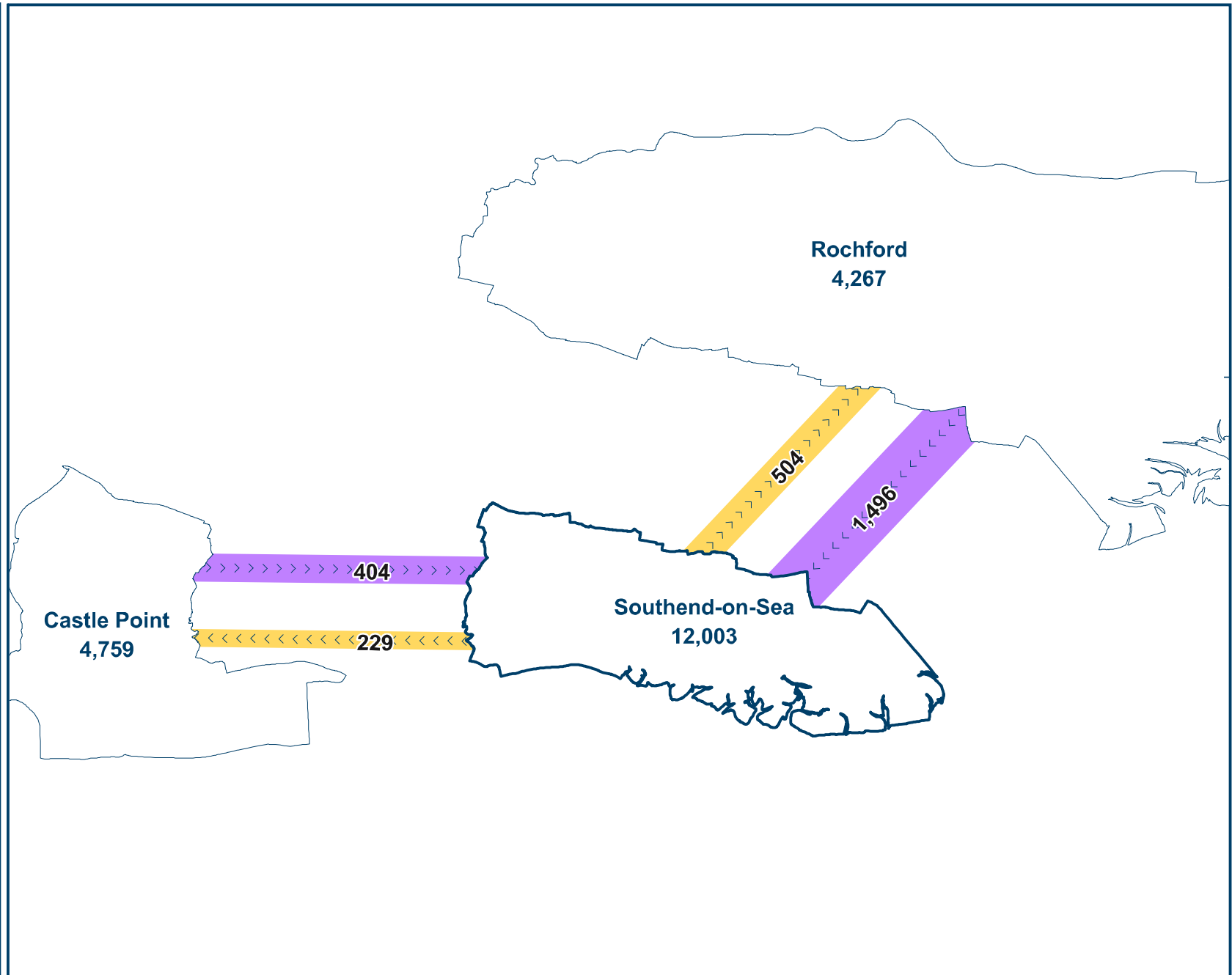
Import

Export

The figure within each boundary is the number of visits retained within the local authority area in the weekly peak period.

Southend-on-Sea

Neighbouring Local Authorities



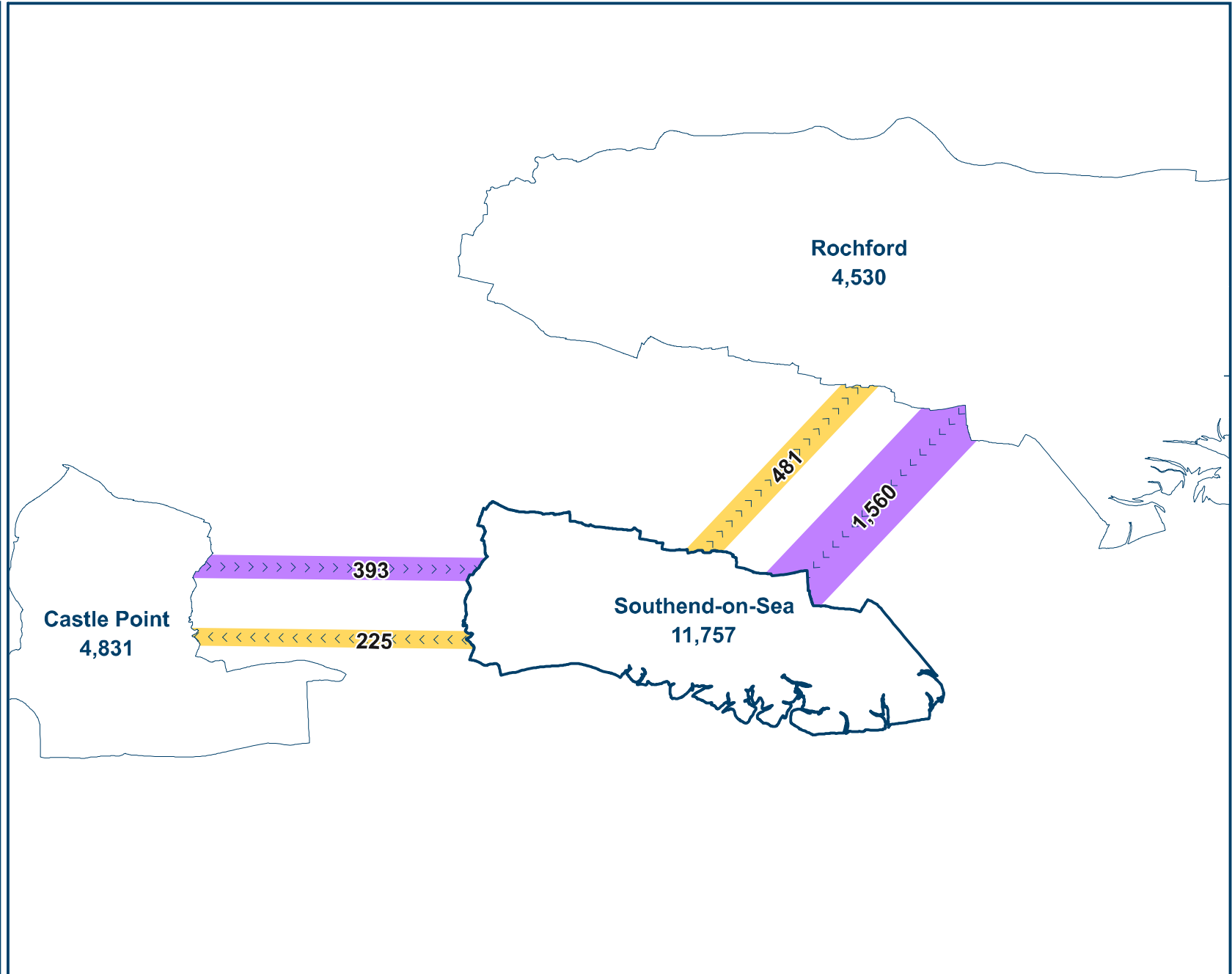
The figure within each chevron is the number of visits in the weekly peak period from that local authority met at the other local authority.

> > > > Direction of flow

Import
 Export

The figure within each boundary is the number of visits retained within the local authority area in the weekly peak period.

Southend-on-Sea
 Neighbouring Local Authorities



The figure within each chevron is the number of visits in the weekly peak period from that local authority met at the other local authority.

> > > > Direction of flow

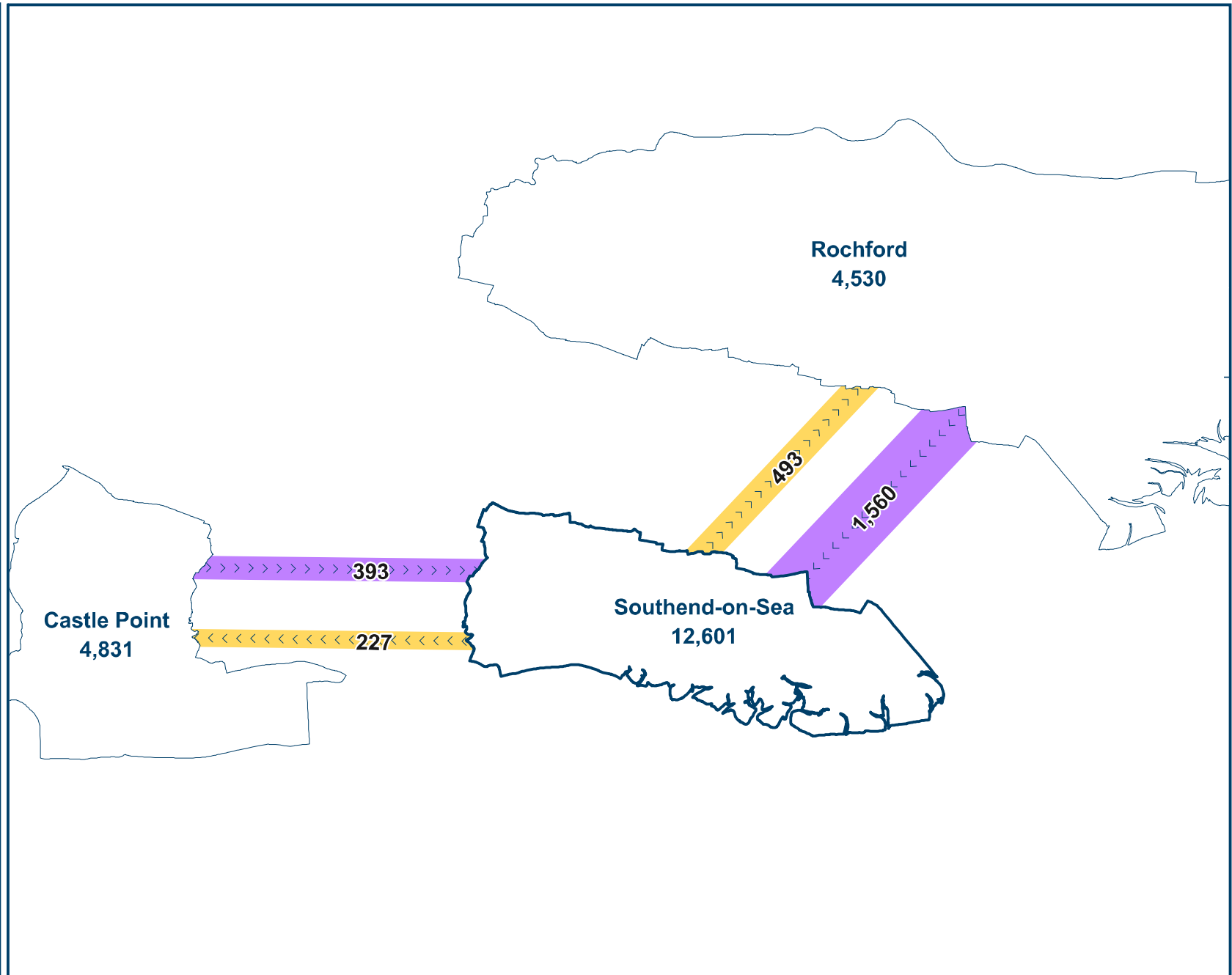
Import

Export

The figure within each boundary is the number of visits retained within the local authority area in the weekly peak period.

Southend-on-Sea

Neighbouring Local Authorities



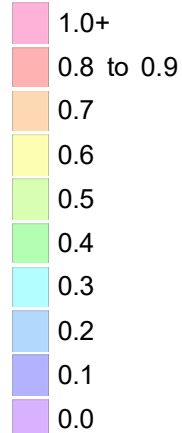
4 UNMET DEMAND

Run 1: Existing Provision with Demand in 2026

Run 2: Existing Provision with Demand in 2045

Run 3: Existing Provision with Potential Urban Extension in 2045

Peak period unmet demand per square kilometre expressed as units of badminton courts



Sports halls included in run

◆ Existing sports hall

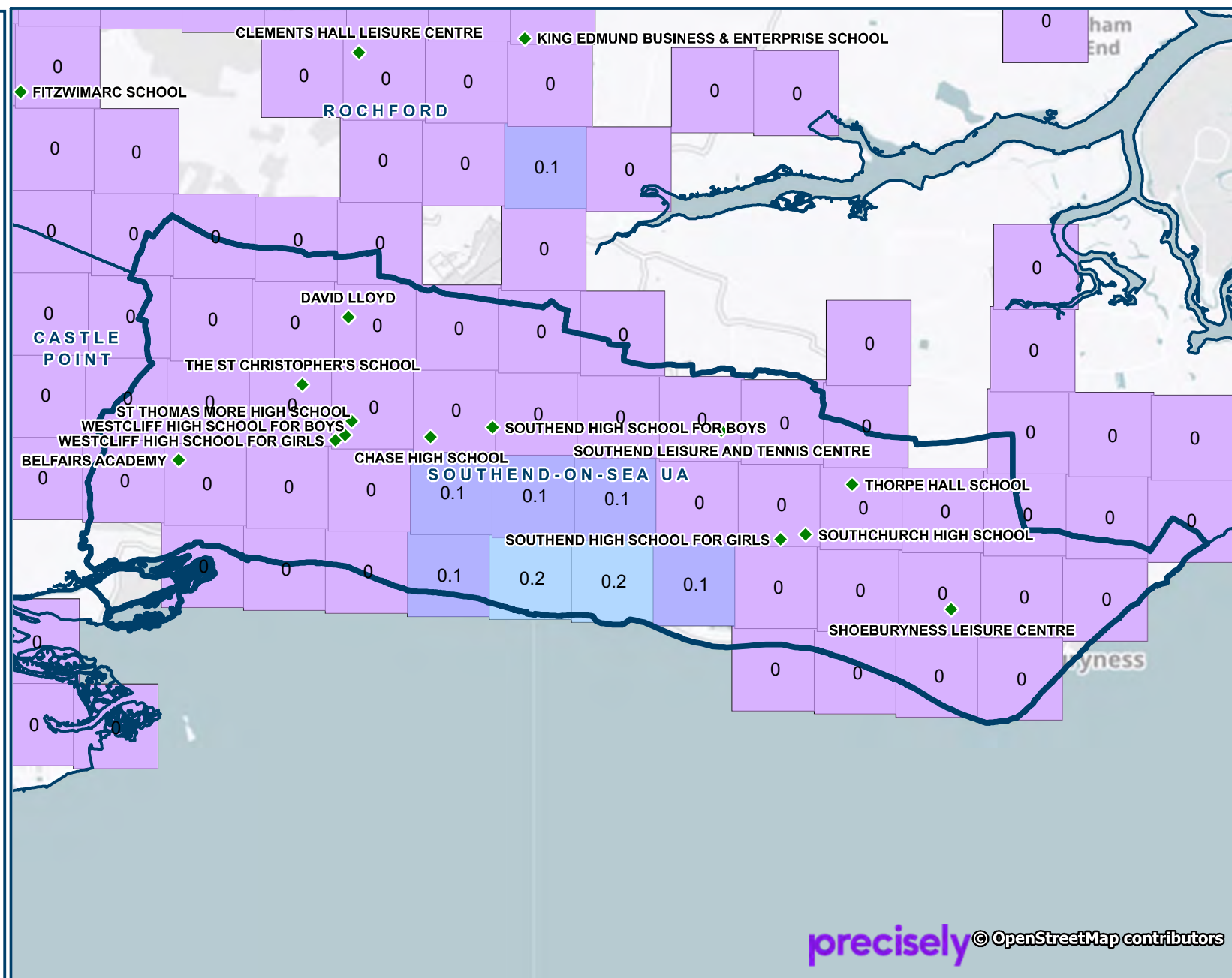
Boundaries

□ Southend-on-Sea boundary

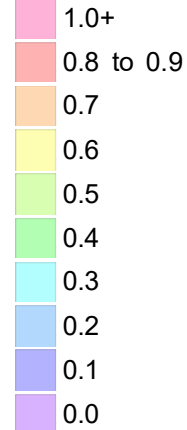
□ Local authority boundaries

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Peak period unmet demand per square kilometre expressed as units of badminton courts



Sports halls included in run

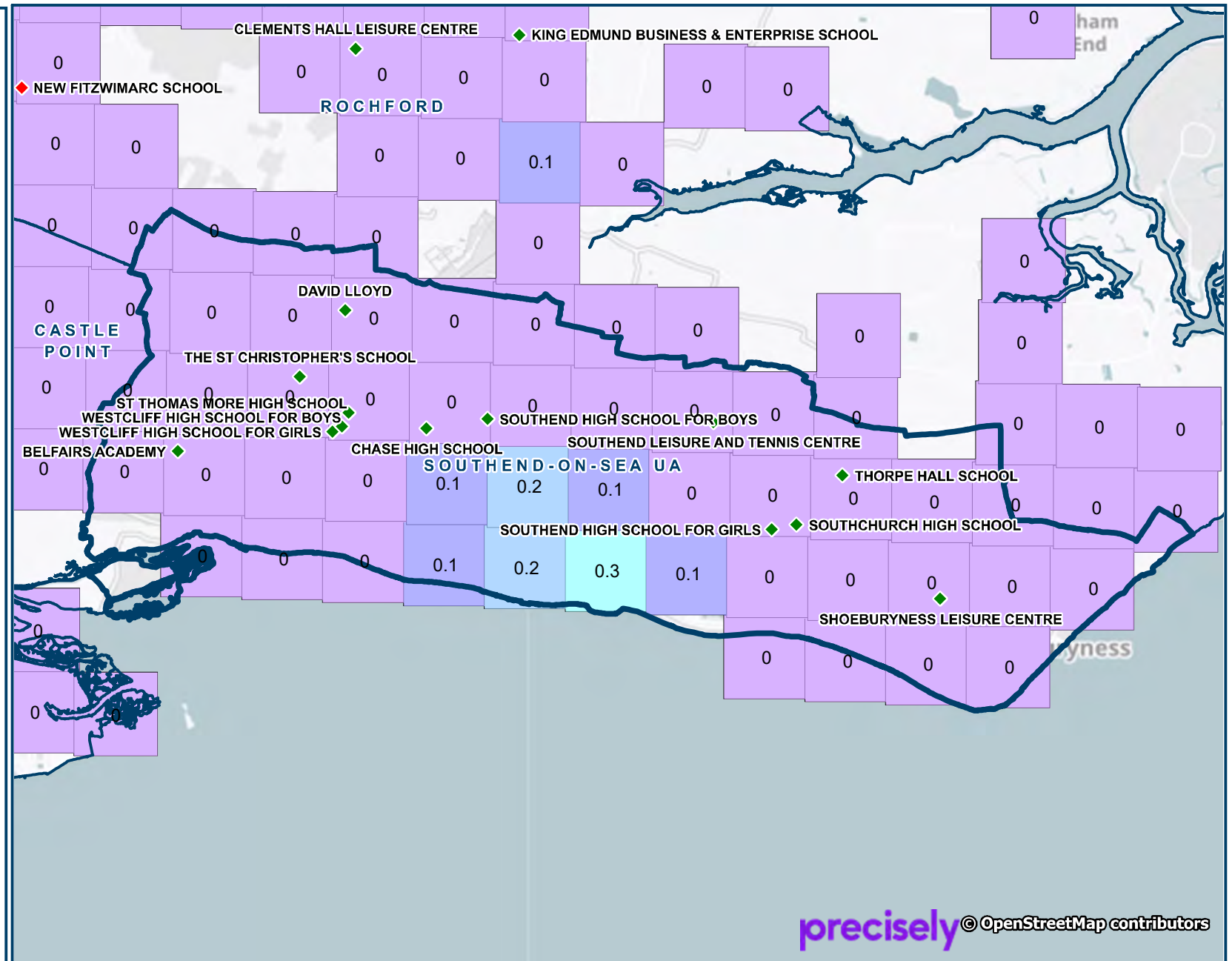
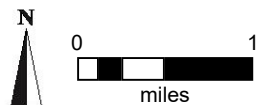
- Existing sports hall
- Future sports hall

Boundaries

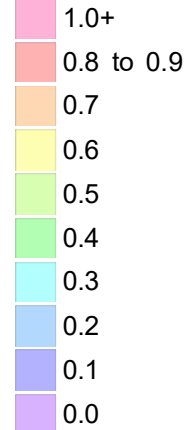
- Southend-on-Sea boundary
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Peak period unmet demand per square kilometre expressed as units of badminton courts



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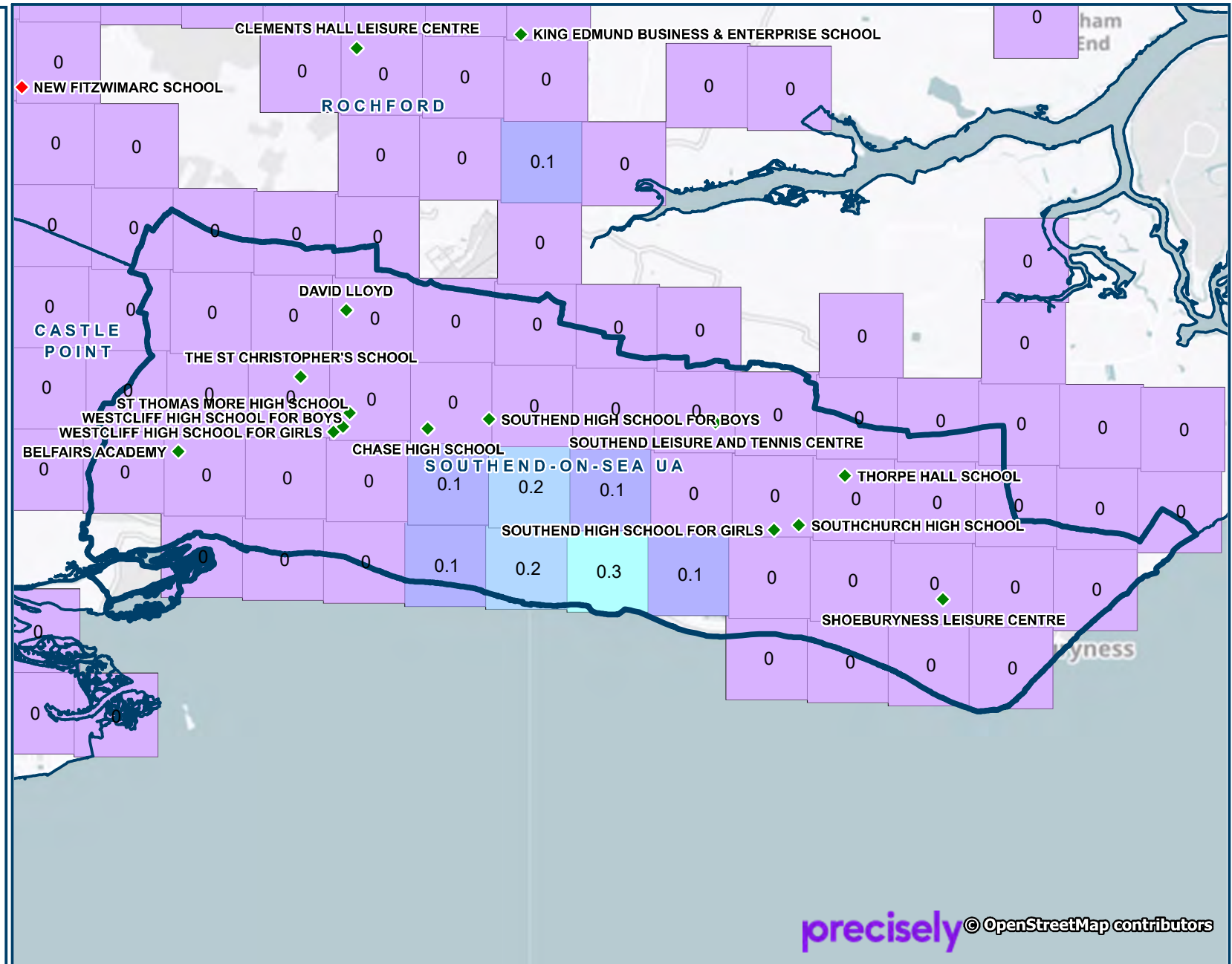
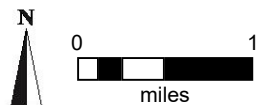
- Existing sports hall
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Boundaries

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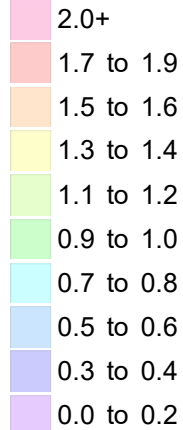
5 REACHABLE UNMET DEMAND

Run 1: Existing Provision with Demand in 2026

Run 2: Existing Provision with Demand in 2045

Run 3: Existing Provision with Potential Urban Extension in 2045

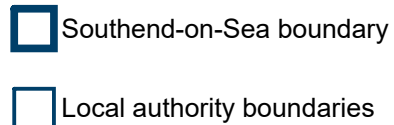
Reachable unmet demand from square kilometre expressed as units of badminton courts



Sports halls included in run

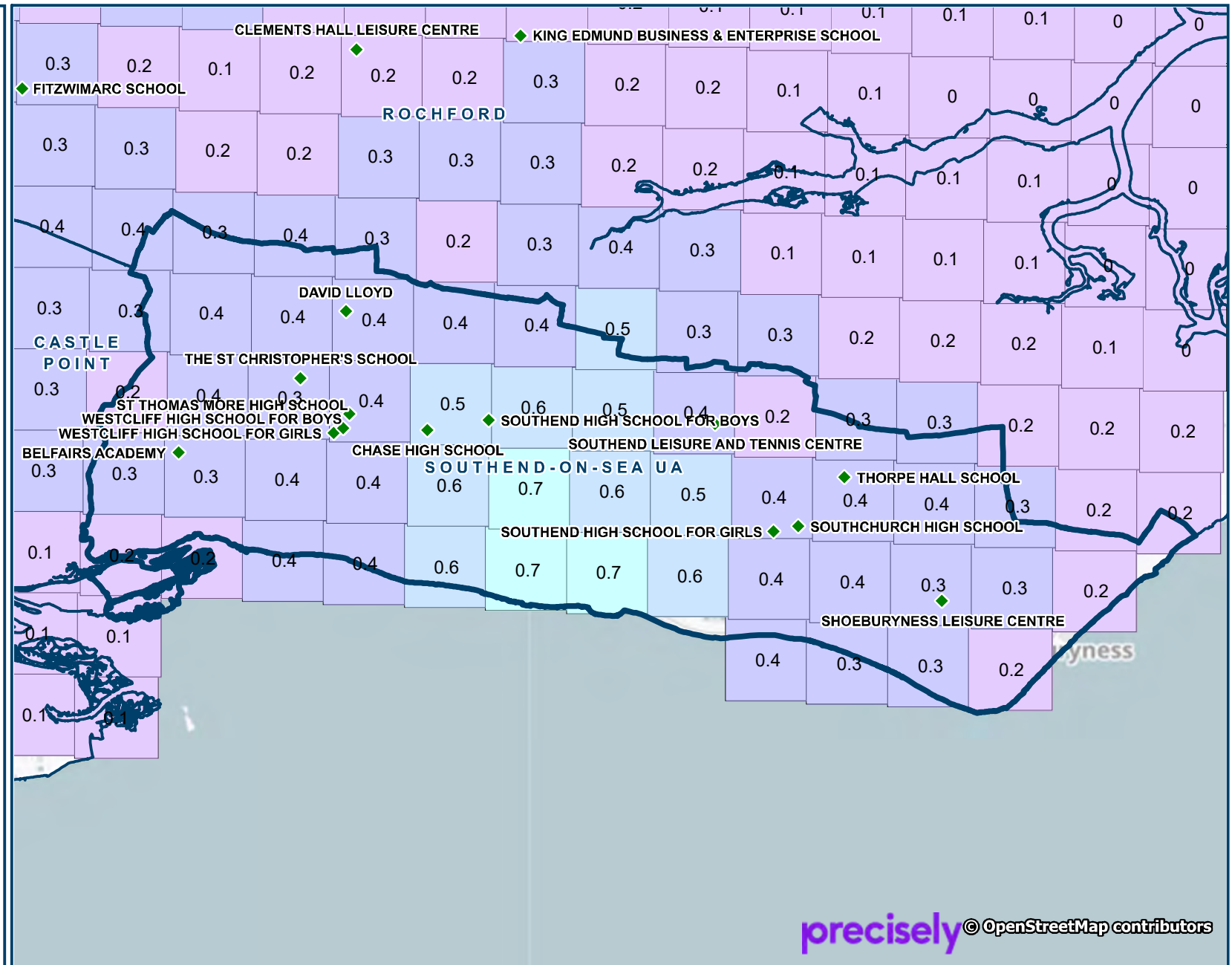
◆ Existing sports hall

Boundaries

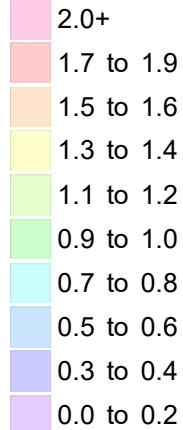


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Reachable unmet demand from square kilometre expressed as units of badminton courts



Sports halls included in run

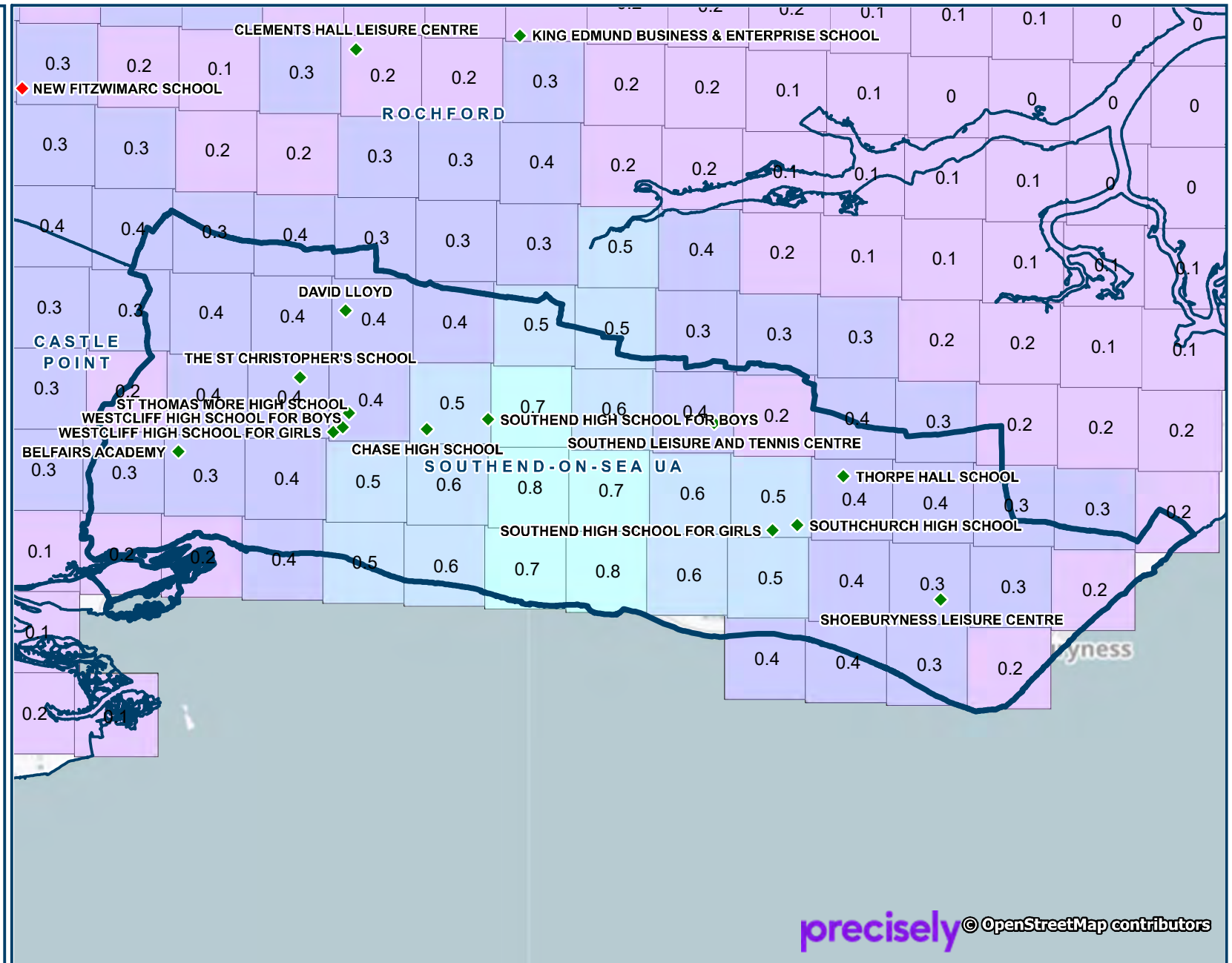
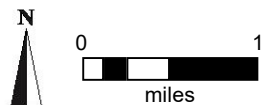
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Boundaries

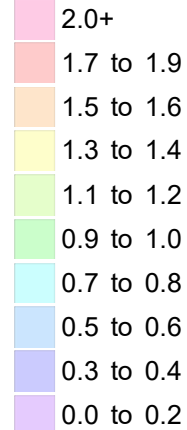
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Reachable unmet demand from square kilometre expressed as units of badminton courts



Sports halls included in run

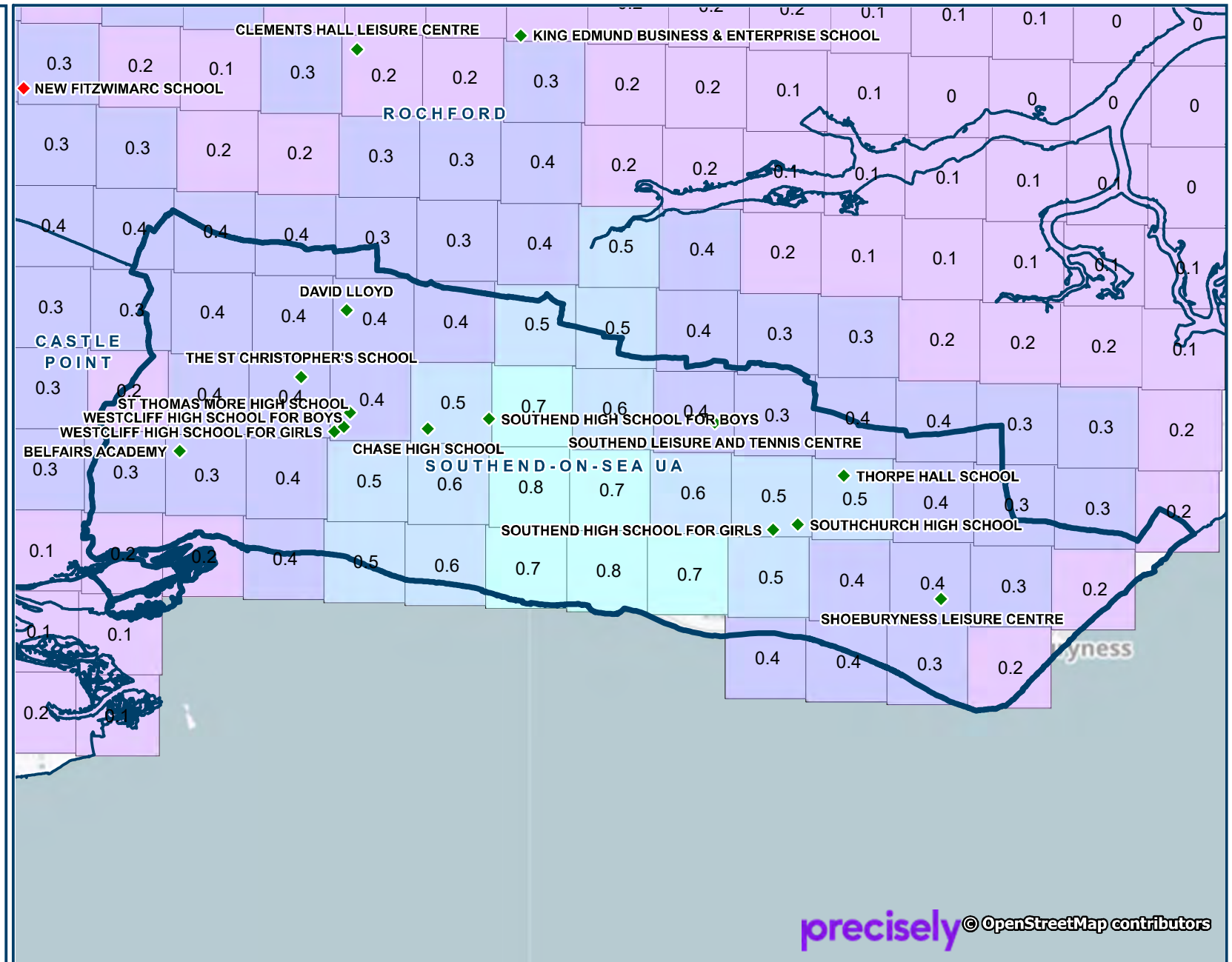
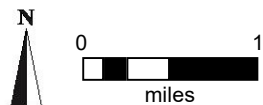
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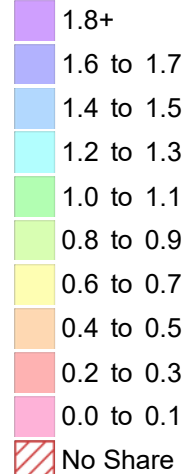
6 LOCAL SHARE

Run 1: Existing Provision with Demand in 2026

Run 2: Existing Provision with Demand in 2045

Run 3: Existing Provision with Potential Urban Extension in 2045

Local share of sports halls relative to demand in local area:
 <1 = poorer, >1 = better

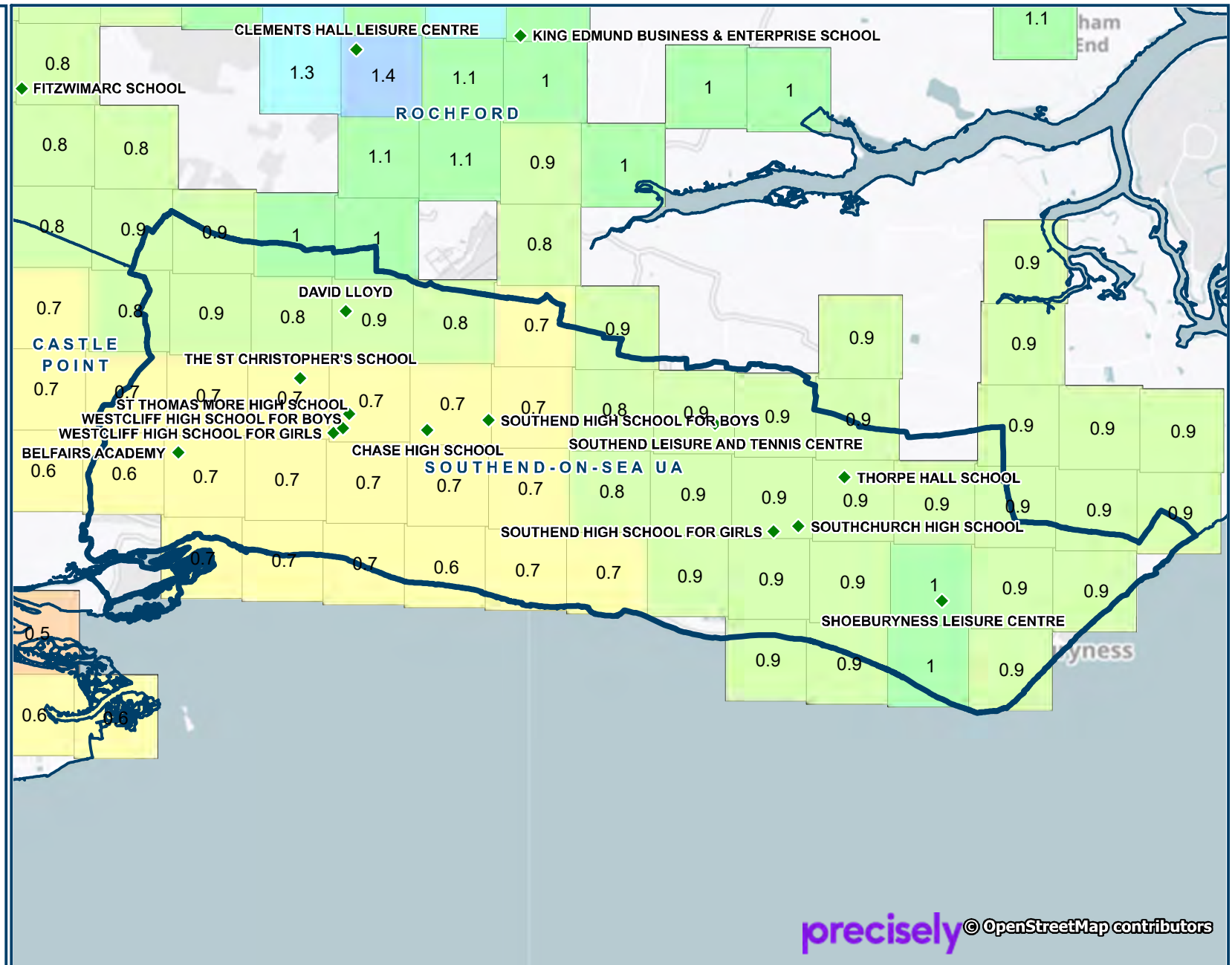


Sports halls included in run
 ◆ Existing sports hall

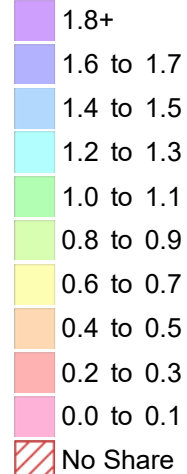
Boundaries
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 □ Local authority boundaries

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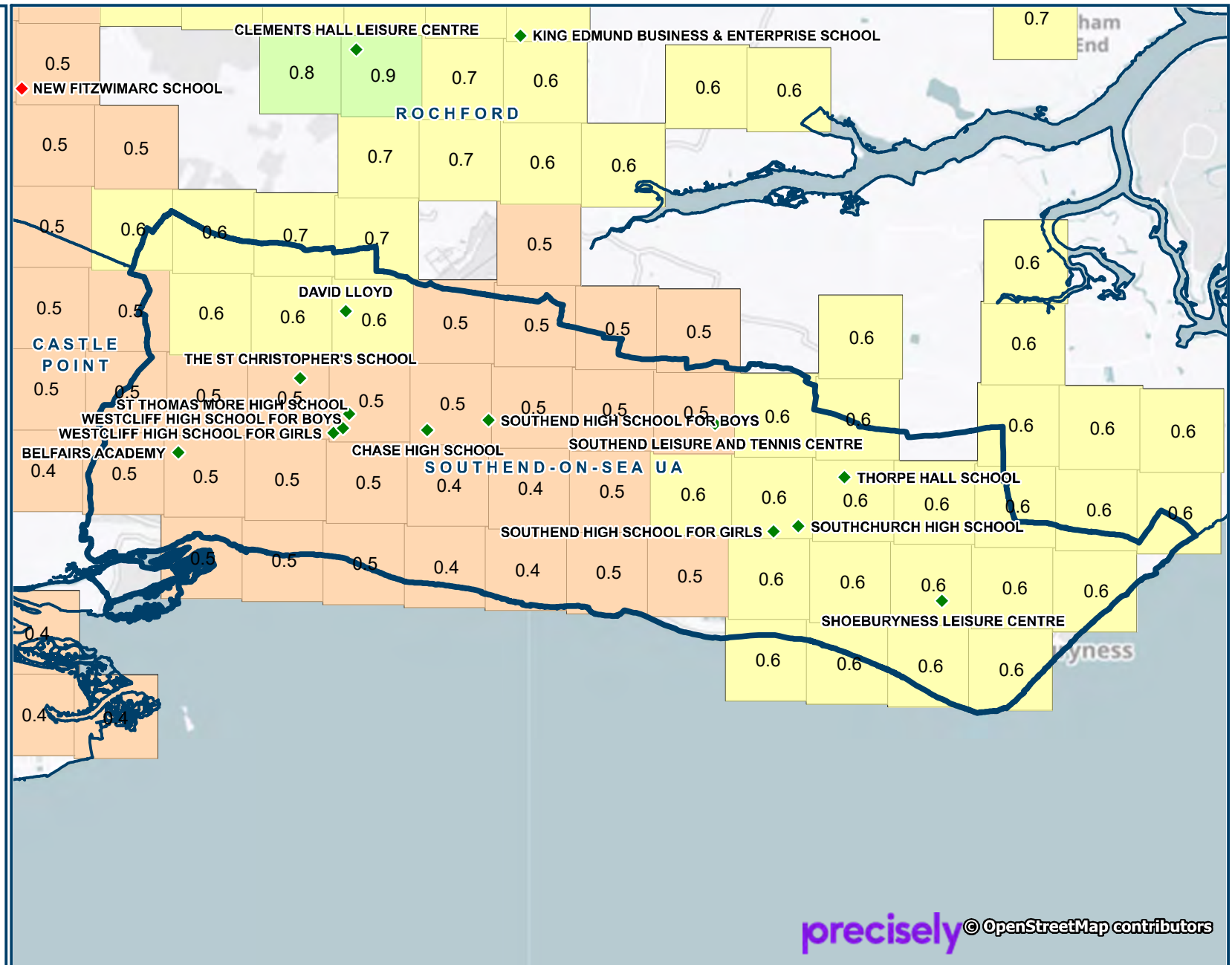
- Existing sports hall
- Future sports hall

Boundaries

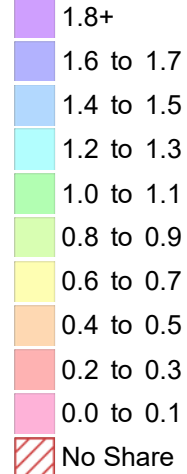
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