

UPRN – WHAT'S NEXT?

A few closing thoughts on how UPRNs can be put to good use for joining up location-related data, and what's coming soon.

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OS Places: Underpinning key services



Lateral flow test ordering



Ambulance destination validation



Online electoral registration



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Or, if you prefer to manage the data yourself...

OS AddressBase

- Royal Mail addresses with locations and UPRNs

OS AddressBase Premium

- Fully fledged, relational address dataset containing all types of addresses including historical and alternatives.

OS AddressBase Core

- Best for newbies, designed for ease of use for data linking and updated weekly – this is the most recent addition to the Addressbase family

OS AddressBase Islands

- Addresses in Northern Ireland, Isle of Man and the Channel Islands

- **Free to use** for PSGA members (available to all public sector)
- **COMING SOON:** the National Geographic Database
- **COMING SOON:** Downloads API to enable automatic downloading of the latest address data in all the above formats.



Expanding the coverage of UPRNs

We are currently working with partner organisations to compile an Emergency Services Gazetteer. Available from Spring 2023, this will extend the number of UPRNs and addresses available to include additional types of locations commonly referred to in emergencies. These include:

- Bridges
- Tunnels
- Junctions
- Level Crossings
- Informal (vernacular) names
- And much more...



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“UPRN for Everywhere”

We’d like to work with our partners across the public sector to get as close to complete coverage as possible – so that every recognisable location has not only a UPRN, but an address (of sorts) and a geographical extent describing not only the point location, but the boundaries of each site.

This would expand this simple, well-understood and already highly adopted way of referencing any location in a standardised way to enable even greater linkage of location-related information. Watch this space or get involved!

We’re starting a pilot to look at what more might be possible this coming financial year – do get in touch if you feel your organisation may be able to contribute to this work.



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Final thought: the good...

Dataset 1

UPRN guarantees simple, unambiguous data linking every time

UPRN: 123456789,

Data: {

Address: "1 High Street,
Magictown, MA9 1CU"

Type: "Magic Shop",

Turnover: "£1m per year"

}

Dataset 2

A validated address is good practice – but not required for data linking here

UPRN: 123456789,

Data: {

Address: "1 High Street,
Magictown, MA9 1CU",

Owner: "Mal the Magician",

Disabled access: TRUE

}

The less good...

Dataset 1

No UPRN

Data: {

Address: "1 High Street,
Magictown, MA9 1CU",

Type: "Magic Shop",

Turnover: "£1m per year"

}

No UPRN means
automated or manual
address matching is
required to link data – not
straightforward

Dataset 2

No UPRN

Data: {

Address: "1 High Street,
Magictown, MA9 1CU",

Owner: "Mal the Magician",

Disabled access: TRUE

}

Because the addresses
have both been validated
against AddressBase, they
can be reliably matched

The seriously ugly... (and sadly, most common!)

Dataset 1

No UPRN

Data: {

Address: "1 High Street,
Magictown, MA9 1GU",

Type: "Magic Shop",

Turnover: "£1m per year"

}

No UPRN means automated or manual address matching is required to link data – not straightforward

Dataset 2

No UPRN

Data: {

Address: "Mystic Magic, High St.
Magictown, MA9 1CU",

Owner: "Mal the Magician",

Disabled access: TRUE

}

Free text addresses cause serious address matching headaches (including false matches) – and in this example, data linking is impossible.

THANK YOU!

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