New datazone rules from SNS

Following a consultation in August 2010, the decision was made that Data Zones would be redrawn using 2011 Census Output Areas. The aim of the redraw process was to maintain the link with current Census data, to re-align to Local Authority boundaries, and to account for changes in population while keeping boundaries relatively comparable to those created in 2001. The main criteria (constraints) used to redraw Data Zones for 2011, in approximate order of importance (descending), were:

1. That they be built up from 2011 Census Output Areas;
2. Maintain approximately equal populations of 500 to 1,000 people, with an
3. absolute minimum of 375 people and a maximum population of 1,125;
4. Be a continuous area without multiple extents, unless it contains islands;
5. Where possible, changes are made within Intermediate Zone boundaries;
6. Maintain a compactness of shape.

Proposed West Lothian datazone redraw principles

All datazones in West Lothian will follow the SNS rules as set out above but also the following local requirements:

1. Datazones to only cover one town or village.
2. Datazones to follow Multi Member Ward boundaries as far as possible.
3. Datazones that include industrial areas to be associated with neighbouring towns as far as possible.
4. Datazones including remote rural areas to try and not be just added on to the edge of towns.
5. Datazones to take cognisance of planned developments for the next 10 years to ensure they do not become inaccurate as development takes place.
6. Datazones to follow internal settlement boundaries (Livingston neighbourhoods, Boghall, Uphall etc) as far as possible.
7. Datazones to follow community council boundaries as far as possible.
8. Datazones to follow primary school catchment boundaries as far as possible.

West Lothian proposed changes summary
- 1 new datazone to be created from a single COA, outwith the population rules to reflect proposed (commenced) development areas in Whitburn and Armadale – discussed and agreed with Victoria Kinnear.
- 2 additional new datazones created
- 1 datazone deleted
- 110 existing datazones altered
- 193 Census Output Areas moved from 1 datazone to another.

1. Datazones to only cover one town or village.

SNS proposed 2011 Datazones:
- 1 datazone crosses Greenrigg settlement boundary
- 3 datazones cross Whitburn settlement boundary
- 1 datazone crosses Longridge settlement boundary
- 1 datazone crosses Armadale settlement boundary
- 3 datazones cross Bathgate settlement boundary
- 3 datazones cross Linlithgow settlement boundary
- 2 datazones cross Broxburn settlement boundary
- 1 datazone crosses East Calder settlement boundary
- 4 datazones cross Livingston settlement boundary
- 3 datazones cross West Calder settlement boundary

- 1 datazone crosses Polbeth settlement boundary
- 1 datazone crosses Addiewell settlement boundary

TOTAL 24 settlement boundary breaches in 12 settlements

West Lothian proposed 2011 Datazones:
- These issues are resolved except Heartlands/Southdale which is mitigated by new single datazone.

2. Datazones to follow Multi Member Ward boundaries as far as possible.

SNS proposed 2011 Datazones
- 1 datazone crosses Whitburn/Armadale MMW boundary
- 1 datazone crosses Whitburn/Bathgate MMW boundary
- 1 datazone crosses Whitburn/Fauldhouse MMW boundary
- 1 datazone crosses Bathgate/Livingston North MMW boundary
- 1 datazone crosses Bathgate/Linlithgow MMW boundary
- 1 datazone crosses Linlithgow/Broxburn MMW boundary
- 2 datazones cross Broxburn/East Livingston MMW boundary
- 1 datazone crosses East Livingston/Fauldhouse MMW boundary
- 2 datazones cross Fauldhouse/Livingston South MMW boundary
- 1 datazone crosses East Livingston/Livingston South MMW boundary
- 1 datazone crosses East Livingston/Livingston North MMW boundary
- 6 datazones cross the Livingston North/Livingston South MMW boundary

TOTAL 19 MMW boundary breaches affecting all 9 wards.

West Lothian proposed 2011 Datazones:
- 1 datazone crosses Linlithgow/Broxburn MMW boundary (cannot be resolved owing to shape of Census Output Areas preventing rearrangement).

3. Datazones that include industrial areas to be associated with neighbouring towns as far as possible.

SNS proposed 2011 Datazones:
- Part of Kirkton Campus (a Livingston industrial area) is attached to Polbeth
- Part of Starlaw (a Livingston industrial area) is attached to Bathgate
- Heartlands / Southdale (Whitburn/Armadale industrial areas) are attached to each other

West Lothian proposed 2011 Datazones:
- These issues are resolved except Heartlands/Southdale which is mitigated by new single datazone.

4. Datazones including remote rural areas to try and not be just added on to the edge of towns.

SNS proposed 2011 Datazones:
- 1 rural datazone (Westfield) combines rural areas with a sub datazone size settlement. In other areas rural areas attached to larger settlements preventing accurate aggregation for those settlements

West Lothian proposed 2011 Datazones:
- An additional 4 rural datazones (Breich & Harwood; Ecclesmachan & Bangour; Beecraigs and Bathgate Hills and Philpstoun & Threemiletown) combine rural areas with smaller settlements which are sub datazone size

  In some areas this is still not possible due to lack of population within a MMW (Harperrig, Newton etc).

5. **Datazones to take cognisance of planned developments for the next 10 years to ensure they do not become inaccurate as development takes place.**

SNS proposed 2011 Datazones:
- Heartlands/Southdale in 1 datazone
- Blackridge housing allocation combined with Armadale/Whitburn
- Wester Inch (Bathgate) housing allocation combined with East Whitburn
- Gavieside (Livingston) housing allocation combined with West Calder
- Pumpherston housing allocation combined with Broxburn

West Lothian proposed 2011 Datazones:
- These issues are resolved except Heartlands/Southdale which is mitigated by new single datazone.

6. **Datazones to follow internal settlement boundaries (Livingston neighbourhoods, Boghall, Uphall etc) as far as possible.**

SNS proposed 2011 Datazones:
- 1 datazone crosses the Boghall/Bathgate neighbourhood boundary
- 2 datazones cross the Uphall/Broxburn neighbourhood boundary
- 1 datazone crosses the Uphall Station/Pumpherston neighbourhood boundary
- 1 datazone crosses the Uphall Station/Pumpherston/Craigshill/Knightsridge neighbourhood boundaries
- 1 datazone crosses the Craigshill/Howden neighbourhood boundary
- 1 datazone crosses the Bankton/Bellsquarry neighbourhood boundary
- 1 datazone crosses the Bankton/Dedridge neighbourhood boundary
- 1 datazone crosses the Bellsquarry/Adambrae neighbourhood boundary
- 1 datazone crosses the Dedridge/Kirkton neighbourhood boundary
- 1 datazone crosses the Dedridge/Kirkton/Howden neighbourhood boundaries
- 2 datazones cross the Kirkton/Livingston Village neighbourhood boundary
- 3 datazones cross the Eliburn/Ladywell neighbourhood boundary
- 1 datazone crosses the Ladywell/Knightsridge neighbourhood boundary
- 1 datazone crosses the Knightsridge/Deer Park neighbourhood boundary
- 1 datazone crosses the Eliburn/Carmondean neighbourhood boundary
- 1 datazone crosses the Carmondean/Deans neighbourhood boundary
- 1 datazone crosses the Deer Park/Carmondean neighbourhood boundary

TOTAL 21 neighbourhood boundary breaches affecting Boghall, Uphall and all Livingston neighbourhoods except Murieston South (which has cross settlement issues instead).

West Lothian proposed 2011 Datazones:
- 0 datazones cross Boghall, Uphall or Livingston neighbourhood boundaries.

In addition some limited additional changes to adjacent datazones are required to enable these changes to take place while maintaining the minimum/maximum population requirements as set out in the SNS criteria.

7. **Datazones to follow community council boundaries as far as possible.**
SNS proposed 2011 Datazones:
- 1 datazone crosses the Deans / Carmondean community council boundary.

West Lothian proposed 2011 Datazones:
- 0 datazones cross community council boundaries.