

Address record SQL inspection

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■ SQL

Although you may be able to achieve this in other ways, a very quick count of various address based fields as used across the whole database can be achieved by the following code. Again those with low usage counts are more likely to be issues of missed data entry purely on the premise that the majority of data entry is correct.

Please refer to our general guide on how to access the [Raiser's Edge database](#) using a read-only user account.

Country

```
SELECT COUNT(*) AS NumberOfAddresses, t.LONGDESCRIPTION, c.NAME
FROM dbo.ADDRESS AS a INNER JOIN
      dbo.TABLEENTRIES AS t ON a.COUNTRY = t.TABLEENTRIESID INNER JOIN
      dbo.CODETABLES AS c ON c.NAME = 'COUNTRY' AND t.CODETABLESID = c.CODETABLESID
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION
```

County

```
SELECT COUNT(*) AS NumberOfAddresses, t.LONGDESCRIPTION, c.NAME
FROM dbo.ADDRESS AS a INNER JOIN
      dbo.TABLEENTRIES AS t ON a.COUNTY = t.TABLEENTRIESID INNER JOIN
      dbo.CODETABLES AS c ON c.NAME = 'COUNTIES' AND t.CODETABLESID = c.CODETABLESID
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION
```

Info Source

```
SELECT COUNT(*) AS NumberOfAddresses, t.LONGDESCRIPTION, c.NAME
FROM dbo.CONSTIT_ADDRESS AS a INNER JOIN
      dbo.TABLEENTRIES AS t ON a.INFO_SOURCE = t.TABLEENTRIESID INNER JOIN
      dbo.CODETABLES AS c ON c.NAME = 'Address Info Sources' AND t.CODETABLESID = c.C
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION
```

Region



```

dbo.CODETABLES AS c ON c.NAME = 'Regions' AND t.CODETABLESID = c.CODETABLESID
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION

```

State

```

SELECT COUNT(*) AS NumberOfAddresses, t.LONGDESCRIPTION, c.NAME
FROM dbo.ADDRESS AS a INNER JOIN
      dbo.TABLEENTRIES AS t ON a.STATE = t.SHORTDESCRIPTION INNER JOIN
      dbo.CODETABLES AS c ON c.NAME = 'States' AND t.CODETABLESID = c.CODETABLESID
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION

```

Phones by type

```

SELECT COUNT(*) AS NumberOfPhones, t.LONGDESCRIPTION, c.NAME
FROM dbo.CODETABLES AS c INNER JOIN
      dbo.TABLEENTRIES AS t ON t.CODETABLESID = c.CODETABLESID AND c.NAME = 'Phone Ty
      dbo.PHONES AS a ON a.PHONETYPEID = t.TABLEENTRIESID
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION

```

Address type

```

SELECT COUNT(*) AS NumberOfAddresses, t.LONGDESCRIPTION, c.NAME
FROM dbo.CONSTIT_ADDRESS AS a INNER JOIN
      dbo.TABLEENTRIES AS t ON a.TYPE = t.TABLEENTRIESID INNER JOIN
      dbo.CODETABLES AS c ON c.NAME = 'Address Types' AND t.CODETABLESID = c.CODETABL
GROUP BY t.TABLEENTRIESID, t.LONGDESCRIPTION, c.NAME
ORDER BY COUNT(*) DESC, t.LONGDESCRIPTION

```

Addresses by postcode (first 3 characters)

This report can be seen as a UK regional address breakdown which allows you to view number of alumni by postcode. It can also be used as the source of a Google Map which shows alumni distribution around the UK.

```

SELECT COUNT(*) AS NumberOfAddresses, LEFT(POST_CODE, 3) AS Expr1
FROM dbo.ADDRESS AS a
GROUP BY LEFT(POST_CODE, 3)
ORDER BY COUNT(*) DESC, LEFT(POST_CODE, 3)

```

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