

## HOUSEHOLD ESTIMATES AND PROJECTIONS USER QUESTIONNAIRES: SUMMARY OF RESULTS FROM LOCAL AUTHORITIES

### Introduction

The purpose of the paper is to summarise the results from the household estimates and projections Local Authority user questionnaires. HARG group members are invited to discuss the findings and agree the priorities for the work of this group resulting from these findings.

### Background

Two questionnaires were designed in consultation with the group and sent to Local Authority contacts in the spring and summer of 2001. The questionnaires were designed to gather information from users, potential users on the need for, and current uses made of, household statistics, and to seek views on the current methodologies.

Copies of the questionnaires are attached: HARG 2002/1 Annex C for the estimates questionnaire; HARG 2002/1 Annex D for the projections questionnaire.

### COVERAGE OF LOCAL AUTHORITY SURVEYS

For the **household estimates survey**, **29** of the 32 Local Authorities responded. Argyll & Bute, East Renfrewshire and Moray did not complete the survey.

Responses were also received from Glasgow & Clyde Valley as well as Ayrshire Joint Structure Plan Teams. East Ayrshire, Perth & Kinross and West Dunbartonshire each sent in two completed questionnaires, one from each of planning and housing services.

For the **household projections survey**, **20** of the 32 Local Authorities responded. Argyll & Bute, Clackmannanshire, East Dunbartonshire, East Renfrewshire, City of Edinburgh, Highland, Moray, Orkney, Perth & Kinross, Stirling, West Dunbartonshire and West Lothian did not, and do not intend to, complete the survey.

A detailed list of respondents, including the reasons for non response can be found in [Annex A](#) for the estimates questionnaire and [Annex B](#) for the projections questionnaire at the end of this paper.

Annex A	Estimates questionnaire; list of respondents
Annex B	Projections questionnaire; list of respondents
Annex C	Estimates Questionnaire
Annex D	Projections Questionnaire
Annex E	Estimates Questionnaire; full results
Annex F	Projections Questionnaire; full results

## HOUSEHOLD ESTIMATES SURVEY SUMMARY

### Uses made of household estimates

#### Q1) Local Authority internal use:

The first set of questions on the survey related to the use of household estimates by individual respondents. The following table summarises the results:

Possible uses:	Official estimates	Other source	Any source
a) Assessments of Strategic Housing Requirements	29	14	31
b) Assessments of Local Housing Requirements	22	15	28
c) Assessments of Special Housing Needs (e.g. Sheltered, Amenity & Medium Dependency)	16	10	19
d) Provision of Educational Services	11	9	15
e) Provision of Health Services	7	2	8
f) Provision of Social Services	14	5	16
g) Provision of Leisure or Cultural Facilities	8	6	12
h) Transport/Communications Planning	11	5	14
i) Water/Sewage Facilities Planning	6	3	7
j) Any other use	5	3	6

Note: 33 questionnaires were received; all respondents are counted in the above table

The major use of estimates by LAs is for the assessment of strategic housing requirements and local housing requirements.

17 Local Authorities use the official estimates exclusively for strategic planning, with 13 of these using the official figures exclusively for local planning. Midlothian uses another source of estimates for its local planning. Eilean Siar, Scottish Borders and South Ayrshire Joint Structure Plan Team indicate that they do not use any household estimates in their local planning.

11 Local Authorities use both the official figures and figures from other sources for strategic planning.

East Dunbartonshire does not use household estimates (official or otherwise) at all. Glasgow and the Glasgow & Clyde Valley Structure Plan Team use other source estimates for their strategic housing requirements, with Glasgow City using these other source estimates for their local requirements. Glasgow City and Glasgow & Clyde Valley Structure Plan Team are unique in not using official estimates for any purpose. For a summary of respondents' use of official and other source estimates for all purposes please see the table on the following page.

Assessments of special housing needs, provision of educational services, provision of social services and transport/communications planning all figure highly in their use of the official or other source household estimates.

Other uses of household estimates include use as a control figure for sub Local Authority estimates, social inclusion partnership area monitoring and evaluation, small area population estimates, area waste strategy, housing needs survey, leaflet drops and background demographic information in various areas.

**Summary Table; Respondents Use of Official and Other Source Estimates for All Purposes**

	Use official estimates only	Use other source estimates only	Use both official and other source	Never use estimates
Aberdeen City			✓	
Aberdeenshire			✓	
Angus			✓	
Argyll and Bute		NO RESPONSE		
Clackmannanshire			✓	
Dumfries and Galloway	✓			
Dundee City	✓			
East Ayrshire, Dept. of Homes & Technical Services			✓	
East Ayrshire, Planning and Building Control	✓			
East Dunbartonshire				✓
East Lothian		✓		
East Renfrewshire		NO RESPONSE		
City of Edinburgh			✓	
Eilean Siar	✓			
Falkirk			✓	
Fife	✓			
Glasgow & Clyde Valley Structure Plan		✓		
Glasgow City		✓		
Highland	✓			
Inverclyde			✓	
Midlothian			✓	
Moray		NO RESPONSE		
North Ayrshire	✓			
North Lanarkshire			✓	
Orkney			✓	
Perth and Kinross, Planning & Development			✓	
Perth and Kinross, Housing Property	✓			
Renfrewshire			✓	
Scottish Borders	✓			
Shetland			✓	
South Ayrshire Joint Structure Plan Team	✓			
South Lanarkshire	✓			
Stirling			✓	
West Dunbartonshire, Social Work & Housing Services			✓	
West Dunbartonshire, Economic Planning & Environmental Services			✓	
West Lothian			✓	
<b>TOTAL</b>	<b>11</b>	<b>3</b>	<b>18</b>	<b>1</b>

**Uses made of household estimates****Q2) Local Authority published uses:**

The second set of questions related to Local Authority published outputs. The following table summarises the results:

<b>Published output:</b>	<b>Official estimates</b>	<b>Other source</b>	<b>Any source</b>
a) Statutory Housing Plan	26	17	30
b) Local Development Plans	21	14	25
c) Structure Plan	29	13	31
d) Local Housing System Analyses (Scottish Homes)	13	5	13
e) Other Plans / Strategy Documents	21	11	22
f) Other Published Outputs	12	9	13

Official estimates seem to be published by Local Authorities fairly widely and, as would be expected, are quoted in many of the published structure plans, statutory housing plans and local development plans. Official figures are consistently published more than other source household estimates.

Other publications quoting household estimates (official or otherwise) include local housing needs assessment surveys, committee reports, Local Authority fact sheets and information reports, joint community care plans and corporate plans.

**Uses made of household estimates****Q3) Additional, general purpose uses**

The questionnaire asked if there were any other general purpose uses of official or other source household estimates such as in-house research and analytical work. The following uses were given:

- housing (general and special) needs assessment and demand planning (6 Local Authorities)
- general requests (businesses, students etc), facts and figures and area profile leaflets etc. (5 Local Authorities)
- official figures are often used as the base figure when calculating performance indicators and ratios of service (health, benefits etc) provision or crime rates per (for example) 10,000 households or as the base figure for overall totals when calculating smaller area estimates (3 Local Authorities)
- as base information for survey sample design and weighting of local surveys (2 Local Authorities)
- general statistical support for grant applications (including external voluntary and community groups) and resource allocation (2 Local Authorities)
- retail analyses (2 Local Authorities)
- social inclusion partnership analyses (1 Local Authority)

Other sources tend to be used for household composition information, which is then used in a range of service planning by social work and education services (for example). These other sources include voluntary population surveys and integrated housing management systems.

**Q4) Sources / types of household estimates used**

*Q4.1) Do Authorities undertake more detailed household analyses using official data as a baseline?*

12 of the 29 Local Authorities that completed the questionnaire produce more detailed analyses although not always designed to tie in with the official Local Authority level figures. Generally these tend to be smaller area analyses for various geographic areas including, old district council, key settlement areas, social inclusion programme areas, community (local) planning areas, housing market areas, ward or postcode areas. Other disaggregations include household type and composition such as age band of head of household.

Sources of information for these additional analyses include voluntary population surveys and housing land audits.

*Q4.2 & Q4.3) Do Authorities undertake their own household estimates using a different methodology and / or use household estimates provided by an external agency (other than the Scottish Executive)?*

17 of the 29 Local Authorities that completed the questionnaire produce their own estimates with 5 of these also using household estimates provided by an external agency. One Local Authority (Inverclyde) uses external agency figures (Glasgow & Clyde Valley Structure Plan Team) without producing their own as well.

The reasons given for producing own estimates include:

- smaller geographic area estimates required (11 Local Authorities)
- timing of the official figures (too out of date) (5 Local Authorities)
- household types required (3 Local Authorities)
- tenure required (2 Local Authorities)

Official figures are generally used as a control for disaggregations.

**Q5) Priorities for development of household estimates**

Since only one overall estimate per Local Authority is calculated by the Scottish Executive, Local Authorities were asked which of the following three disaggregations they would find useful and asked to rank their usefulness. The following table shows the number of responses under each category

<b>How useful would the following breakdowns be?:</b>	<b>Very useful</b>	<b>Useful</b>	<b>Limited use</b>	<b>Not useful</b>
Q5.1) by household type	18	10	4	0
Q5.2) by tenure	19	10	2	0
Q5.3) by area within council	19	12	2	0

Note: the total number of responses per breakdown may not be equal in all cases due to non-response

The suggested disaggregation of estimates by household type, tenure and sub-Local Authority geographic area were universally accepted as very useful or useful.

*Household types requested:*

- lone parents
- single adults
- households with children
- pensioners / elderly
- household projections household types  
(1 person: male, 1 person: female, 1 adult, 1 child, 1 adult, 2 or more children, 2 or more adults & 1 or more children, 2 adults, 3 or more adults)

*Tenures requested:*

- owned outright / paying mortgage
- rented from Local Authorities
- rented from Housing Associations / registered social landlords
- rented from Scottish Homes
- rented from private landlord

*Areas requested include:*

- by settlement (9 Local Authorities)
- postcode (7 Local Authorities)
- ward (7 Local Authorities)
- housing market areas (3 Local Authorities)
- old district council (2 Local Authorities)

*Details of their uses include:*

- better assessments of future housing requirements and statutory plans (9 Local Authorities)
- service planning (care, childcare, leisure, etc) (7 Local Authorities)
- community (local) planning (3 Local Authorities)
- balancing stock availability and household size and type (eg special needs) requirements (2 Local Authorities)
- social inclusion partnership area statistics (2 Local Authorities)
- area profiles (1 Local Authority)
- hotspot identification (1 Local Authority)
- resource allocation (1 Local Authority)
- rural vs. urban comparisons(1 Local Authority)
- socio-economic research (1 Local Authority)

*5.5 & 5.6: Further sub-divisions that would be useful*

One Local Authority felt an estimation of concealed / shared households would be useful.. Several requests were made for dwelling related estimates such as vacant dwellings, second homes and dwelling type (detached, semi-detached, flats etc.).

**6) Assessment of methodology**

Two respondents felt the use of 1991 census information in the estimation of vacant and non-effective stock was questionable. 7 Local Authorities felt council tax registers may be a more reliable source of information for the estimates. Community Health Index data and / or Scottish Household Survey data may be useful in estimating household types.

**7) Consultation / release arrangements***7.1 & 7.2) Consultation arrangements*

14 respondents felt the current consultation arrangements were very useful, a further 14 found the consultation useful, with only 2 feeling that the consultation was of limited use. Suggested improvements included:

- longer consultation period (3 Local Authorities)
- detailed estimation methodology should accompany the provisional estimates (1 Local Authority)

*7.3-7.5) Release arrangements:*

Respondents main source for access to the official estimates are set out in the following table.

<b>What is your main source of household estimates?</b>	<b>Percent (%)</b>
Housing trends bulletin (printed)	85%
Housing trends bulletin (internet)	42%
Direct from Housing Statistics Branch	39%
Other	6%

Other sources given were internally published documents. Nobody has had any difficulty in accessing the official estimates in the last two years. The preferred method of delivery of the estimates in the future is by e-mail and for them to be published for download from the world wide web.

**8) Additional Comments and suggestions**

Additional comments mostly reflected the answers given to previous questions. Glasgow, Highland and North Lanarkshire councils made the point that it is important that household estimates and GROS population estimates are consistent; currently the household estimates are not constrained to ensure this consistency. It was felt that estimates would be better timed to coincide with the publication of GROS population estimates. The importance of ensuring reliability, stability and consistency was made and the opportunity to express views was welcomed.



## HOUSEHOLD PROJECTIONS SURVEY SUMMARY

### Uses made of household estimates

#### Q1) Local Authority internal use:

The first set of questions on the survey related to the use of household estimates by individual Local Authorities. The following table summarises the results:

Possible uses:	Official projections	Other Source	Any source
a) Assessments of Strategic Housing Requirements	18	11	20
b) Assessments of Local Housing Requirements	13	8	15
c) Assessments of Special Housing Needs (e.g. Sheltered, Amenity & Medium Dependency)	9	4	10
d) Provision of Educational Services	7	6	10
e) Provision of Health Services	1	3	3
f) Provision of Social Services	6	4	8
g) Provision of Leisure or Cultural Facilities	2	4	5
h) Transport/Communications Planning	5	4	8
i) Water/Sewage Facilities Planning	5	4	7
j) Any other use	1	4	4

Note: 20 questionnaires were received

The major use of projections by Local Authorities is for the assessment of strategic housing requirements and local housing requirements.

9 Local Authorities use only the official projections for strategic planning, 9 use both official and other source projections and 2 (Glasgow and Falkirk) use only other source projections for strategic planning.

7 Local Authorities use only the official projections for local planning, 6 use both official and other source projections and 2 (Glasgow and Falkirk) use only other source projections for local planning. 5 Local Authorities do not use any household projections for local planning.

Angus, Dundee City, Dumfries & Galloway, East Ayrshire, Eilean Siar, Fife, Scottish Borders, and South Ayrshire never use other sourced projections for any use. Falkirk and Glasgow City never use the official projections. Aberdeenshire, Aberdeen City, East Lothian, Inverclyde, Midlothian, North Ayrshire, North Lanarkshire, Shetland and South Lanarkshire use both official and other source projections (please see the table on the next page).

Assessments of special housing needs and provision of educational services figure highly in their use of the official or other source household projections.

Other uses of household projections include planning of commercial and retail facilities, community (local) planning, area waste strategies and South of Scotland objective 2 bid.

**Summary Table; Respondents Use of Official and Other Source Projections for All Purposes**

	Use official projections only	Use other source projections only	Use both official and other source	Never use projections
Aberdeen City			✓	
Aberdeenshire			✓	
Angus	✓			
Argyll and Bute		NO RESPONSE		
Clackmannanshire		NO RESPONSE		
Dumfries and Galloway	✓			
Dundee City	✓			
East Ayrshire	✓			
East Dunbartonshire		NO RESPONSE		
East Lothian			✓	
East Renfrewshire		NO RESPONSE		
City of Edinburgh		NO RESPONSE		
Eilean Siar	✓			
Falkirk		✓		
Fife	✓			
Glasgow City		✓		
Highland		NO RESPONSE		
Inverclyde			✓	
Midlothian			✓	
Moray		NO RESPONSE		
North Ayrshire			✓	
North Lanarkshire			✓	
Orkney		NO RESPONSE		
Perth and Kinross		NO RESPONSE		
Renfrewshire			✓	
Scottish Borders	✓			
Shetland			✓	
South Ayrshire	✓			
South Lanarkshire			✓	
Stirling		NO RESPONSE		
West Dunbartonshire		NO RESPONSE		
West Lothian		NO RESPONSE		
<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>10</b>	<b>0</b>

## Uses made of household projections

### Q2) Local Authority published uses:

The second set of questions related to Local Authority published outputs. The following table summarises the results:

Published output:	Official estimates	Other source	Any Source
a) Statutory Housing Plan	13	10	17
b) Local Development Plans	11	8	14
c) Structure Plan	16	10	20
d) Local Housing System Analyses (Scottish Homes)	9	5	9
e) Other Plans / Strategy Documents	11	9	15
f) Other Published Outputs	5	7	9

Official projections seem to be published by Local Authorities fairly widely and, as would be expected, are quoted in many of the published structure plans, statutory housing plans, local development plans and other strategy documents. Official figures are generally published more than other source household estimates. Falkirk plans to use only its own figures for all future projections.

Other publications quoting household estimates (official or otherwise) include local housing needs assessments surveys, committee reports, Local Authority fact sheets and information reports, community care plans, social inclusion partnership plans and local area action plans.

## Uses made of household projections

### Q3) Additional, general purpose uses

The questionnaire asked if there were any other general purpose uses of official or other source household projections such as in-house research and analytical work.

- community (local) planning (3 Local Authorities)
- general statistical support (e.g. for grant applications (including external voluntary and community groups) and resource allocation) (3 Local Authorities)
- housing (general and special) needs assessment and demand planning (3 Local Authorities)
- service planning (school roll forecasting, supporting people) (3 Local Authorities)
- general requests (business and students etc.), fact and figures and area profile leaflets (2 Local Authorities)
- economic development strategies (1 Local Authority)
- local housing market area research (1 Local Authority)
- social inclusion partnership analyses (1 Local Authority)

**Q4) Sources / types of household projections used**

*Q4.1) Do Authorities undertake more detailed household projections using official data as a baseline?*

9 of the 20 Local Authorities that completed the questionnaire produce more detailed projections although not always designed to tie in with the official Local Authority level figures. Generally these tend to be smaller area analyses for various geographic area including, old district council (from Scottish Executive), ward and key settlement areas. Renfrewshire calculates its own figures for transport and water / sewerage catchment areas.

Sources of information for these additional analyses include voluntary population surveys, census and local health board areas.

*Q4.2 & Q4.3) Do Authorities undertake their own household projections using a different methodology and / or use household projections provided by an external agency (other than the Scottish Executive)?*

9 of the 20 Local Authorities that completed the questionnaire produce their own projections and 3 use household projections provided by an external agency.

The reasons given for not using the official figures include:

- figures adjusted to better reflect local trends from voluntary population surveys, land audits or local plan allocations (3 Local Authorities)
- need to change assumptions and calculate a range of projections to test different policy-based outcomes (3 Local Authorities)
- tied into own preferred population estimates. GROS population assumptions, especially migration assumptions, not always held by the council itself (3 Local Authorities)
- timing of the official figures (2 Local Authorities)
- adjustment factors applied to the official estimates before final publication not satisfactory (1 Local Authority)
- annual figures required for council reports (1 Local Authority)
- census headship rates are not felt to reflect current trends (1 Local Authority)
- longer time scale required (1 Local Authority)
- smaller area analyses required (1 Local Authority)
- tenures required (1 Local Authority)

### Q5) Priorities for development of household projections

The current projections give, for each Local Authority area and structure plan area, a 14 year projection for 4 basic household types. Further breakdowns by 7 household types for most Local Authorities are available directly from the Scottish Executive Housing Statistics Branch. Local Authorities were asked which of the following three changes to the available figures they would find useful and asked to rank their usefulness. The following table shows the number of responses under each category:

How useful would the following breakdowns be?:	Very useful	Useful	Limited use	Not useful
Q5.1) for the full 16 year period of the GROS population projections	8	6	5	1
Q5.2) for additional household types	1	4	13	1
Q5.3) make them routinely available for more than the 4 basic household types	2	3	14	1

Note: the total number of responses per breakdown may not be equal in all cases due to non-response

Generally the extension of the projections for the full 16 year period that the GROS population projections on which they are based was considered very useful or useful. Addition household types and the routine publication of the full 7 household types was considered to be of limited use.

Local Authorities that felt further household types would be very useful specified household types by age band. In most cases (where the numbers are high enough) these are available direct from Scottish Executive Housing Statistics Branch. One Local Authority felt a projection of concealed households would be useful.

Such figures could be used for developing strategies in specific areas such as homelessness, sheltered housing and strategic planning.

*5.4: Assuming the production of increased numbers of household types would increase the time taken for publication, which is of most importance to you?*

Earlier publication	←please circle one of the numbers to indicate a preference→ (choose 3 for none)					Additional household types
	1	2	3	4	5	
	25%	40%	20%	15%	0%	

Note: the mean response was 2.3

The average answer was 2.3, most respondents would prefer not to have to wait longer for the official projections with greater numbers of household categories, reflecting the mostly limited use response to questions 5.2 and 5.3.

## 6&7) Assessment of methodology

Many felt that the new 2001 census information will be invaluable but that since this base information is only available every ten years that other sources such as the Scottish Household Survey or voluntary population surveys may be used to project the headship rates. Other suggestions included:

- choose census year base for trend extrapolation using empirical evidence from more recent sources (such as Scottish Household Survey or voluntary population survey data) to better reflect changes in household formation since the latest census (3 Local Authorities)
- use other sources such as the Scottish Household Survey or extend local voluntary population surveys to other areas to inform between census assumptions and / or adjust headship rates (3 Local Authorities)
- assess the appropriate headship rate and census base year trend extrapolation methodology on an area by area basis (2 Local Authorities)
- change household estimates to give a household type breakdown which may then be used for calibration of household type headship rates (1 Local Authority)
- improvements to the institutional population estimation methodology, including recalculation between censuses from social work departments and education establishment figures (1 Local Authority)
- look into household projections methodology for England and Wales (1 Local Authority)
- use 5 year age bands (1 Local Authority)

Regarding the assessment of the application of adjustment factors to constrain the household projections to ensure that the number and size of households is consistent with the projected number of adults from GROS. Falkirk and Aberdeen City suggested that the number of children in households from the population projections are constrained for in a similar way. Glasgow City suggested that the current adult constraining which manipulates the types of households in the projections rather than the overall total number of households projected should be changed since it is felt this overestimates the number of households.

## 8) Release arrangements

Respondents main source for access to the official projections are set out in the following table.

What is your main source of household estimates?	Percent (%)
Household projections bulletin (printed)	85%
Household projections bulletin (internet)	45%
Direct from Housing Statistics Branch	40%
Other	10%

As with the household estimates the main source is the printed bulletin. Other sources given were internally published documents. Nobody has had any difficulty in accessing the official estimates in the last two years. The preferred method of delivery of the estimates in the future is by e-mail and for them to be published for download from the world wide web.

## 9) Additional Comments and suggestions

Additional comments mostly reflected the answers given to previous questions. Further suggestions included:

- project smaller geographic areas (4 Local Authorities)
- longer projection period (16 year but 20 years requested by Fife) (3 Local Authorities)
- supply information to Local Authorities regarding adjusted and un-adjusted figures as well as projections using the different census extrapolation methodologies to assess reliability and sensitivity of results (3 Local Authorities)
- headship rate information breakdown supplied by Housing Statistics Branch to those Local Authorities that requested them ought to be supplied to all Local Authorities as soon as possible after the official figures have been published, perhaps on line databases (2 Local Authorities)
- projections by tenure (2 Local Authorities)
- agree improvements that can be implemented immediately and other changes as soon as possible (1 Local Authority)
- comparisons with England and Wales projection methodology (1 Local Authority)
- ensure there are no wide fluctuations from previous projections (1 Local Authority)
- investigate other, more frequent, sources of headship rate data other than the 10 year census (1 Local Authority)
- publish all years rather than the selected years printed currently (1 Local Authority)
- round figures to the nearest 50 (1 Local Authority)

## CONCLUSIONS

The following broad conclusions have been drawn from the information supplied by Local Authority users to help in the discussion at the Household Analyses Review Group meeting. Since there seems to be little doubt that both estimates and projections are widely used and provide useful background information for many pieces of work within Local Authorities and inform a wide range of planning and policy decisions, more reliable and detailed figures would be invaluable.

Most Local Authorities use official figures extensively, however many produce or commission their own more detailed analyses. It is evident that the Local Authority users would like estimates to be produced by household type and tenure and that sub Local Authority geographic areas should be considered. It is also evident that many would consider council tax billing system information as a more reliable source of data rather than the Local Authority statistical returns and census information currently used. Use of council tax information would also have the advantage of including postcode data that may be used to produce smaller area estimations. Since many different smaller area analyses are required (including ward, settlement area and social inclusion programme areas) it seems sensible for the Scottish Executive to produce their official figures along the Neighbourhood Statistics full postcode level if possible to allow aggregation up to as many different small area categories as possible.

These suggested changes to the household estimates could be used to improve the adjustments made to the projections. Projections by tenure and for smaller geographic areas would also be useful. Many Local Authority users felt that policy decisions can often directly affect future household formation. It was felt that headship rates and projection methodology should better reflect local changes since the last census date by using more current information from the Scottish Household Survey, voluntary population surveys or council tax information. Local Authorities should also be consulted during the production of the household projections.

The majority of Local Authority users felt the full 16-year period of the population projections should be applied to give 16 year household projections. Many were keen for Local Authority area projections by household type and age band. These are currently available on request but should perhaps be published in excel format to the world wide web and / or sent to Local Authority contacts after publication. All respondents felt that the full published estimates and projections should be published in excel format on the world wide web and e-mailed to Local Authority contacts. However no one questioned had had any problems accessing the published data in the last two years.

Household estimates are often considered as being published too late, use of council tax information would not require the Scottish Executive to wait until Local Authority statistical returns are available. This may allow publication of household estimates to coincide with GROS population estimates as requested.

Since household projections are published within months of the GROS population projections, fewer Local Authorities felt that projections were published too late. However the majority would not like the date of publication to slip in order to produce more detailed figures.



## ANNEX A: HOUSEHOLD ESTIMATES COMPLETION LOG

LA	Name of Person who completed it	Contact Number	Date Received	Word.Paper?	Checked	If not sending response
Aberdeen City	Tom Snowling	<a href="mailto:tsnowling@planning.aberdeeen.net.uk">tsnowling@planning.aberdeeen.net.uk</a>	18/05/2001	paper	yes	
Aberdeenshire	Richard Belding	01224 664742 <a href="mailto:richard.belding@aberdeenshire.gov.uk">richard.belding@aberdeenshire.gov.uk</a>	30/05/2001	paper	yes	
Angus	Tom McCann	01307 473476 <a href="mailto:mccannt@angus.gov.uk">mccannt@angus.gov.uk</a>	23/05/2001	word	yes	
Argyll & Bute	Alix Powers-Jones	01546 604472 <a href="mailto:alix.powers-jones@argyll-bute.gov.uk">alix.powers-jones@argyll-bute.gov.uk</a>	16/08/2001	phone	no	She said they would not be able to do the survey this time
City of Edinburgh	Alistair Harvey	0131 469 3596 <a href="mailto:a.harvey@edin-city-dev.demon.co.uk">a.harvey@edin-city-dev.demon.co.uk</a>	04/07/2001	word	yes	
Clackmannanshire	Cara Williams	01259452021 <a href="mailto:cwilliams@clacks.gov.uk">cwilliams@clacks.gov.uk</a>	02/07/2001	word	yes	
Dumfries & Galloway	Jacqueline Livingstone	01387 260208 <a href="mailto:jacqueline.livingstone@dumgal.gov.uk">jacqueline.livingstone@dumgal.gov.uk</a>	04/07/2001	word	yes	
Dundee City	Iain Howie	01382 433766 <a href="mailto:iain.hosie@dundeeccity.gov.uk">iain.hosie@dundeeccity.gov.uk</a>	12/07/2001	word	yes	
East Ayrshire	Joseph Cassidy	01563 576617 <a href="mailto:joe.cassidy@east-ayrshire.gov.uk">joe.cassidy@east-ayrshire.gov.uk</a>	07/06/2001	word	yes	
East Ayrshire	Chris Trevor	01563 576758 <a href="mailto:chris.trevor@east-ayrshire.gov.uk">chris.trevor@east-ayrshire.gov.uk</a>	07/06/2001	word	yes	
East Dunbartonshire	Katrina McWilliam	<a href="mailto:katrina.mcwilliam@eastdunbarton.gov.uk">katrina.mcwilliam@eastdunbarton.gov.uk</a>	11/06/2001	paper	yes	
East Lothian	Mike Wynne	<a href="mailto:mwynne@eastlothian.gov.uk">mwynne@eastlothian.gov.uk</a>	13/06/2001	paper	yes	
East Renfrewshire	Brian McAuley	0141 577 3054 <a href="mailto:mcauleyb@eastrenfrewshire.gov.uk">mcauleyb@eastrenfrewshire.gov.uk</a>	16/08/2001	phone	no	He said that due to other commitments they could not complete the survey.
Eilean Siar	Keith Bray	01851 703773x544 <a href="mailto:kbray@cne-siar.gov.uk">kbray@cne-siar.gov.uk</a>	09/07/2001	word	yes	
Falkirk	Jennifer Boag	01324 506010 <a href="mailto:jenny-boag@falkirk.gov.uk">jenny-boag@falkirk.gov.uk</a>	24/05/2001	paper	yes	
Fife	Alex Dalrymple	<a href="mailto:alex.dalrymple@fife.gov.uk">alex.dalrymple@fife.gov.uk</a>	05/06/2001	word	yes	
Glasgow City	Jan Freeke	<a href="mailto:jan.freeke@drs.glasgow.gov.uk">jan.freeke@drs.glasgow.gov.uk</a>	07/06/2001	paper	yes	
Glasgow City	David McAllister	<a href="mailto:david-mcallister@gvcvcore.gov.uk">david-mcallister@gvcvcore.gov.uk</a>	13/06/2001	paper	yes	
Highland	Margaret Bochel	<a href="mailto:maggie.bochel@highland.gov.uk">maggie.bochel@highland.gov.uk</a>	13/06/2001	word	yes	
Inverclyde	Fergus McLeod	01475 712404 <a href="mailto:fergus.macleod@inverclyde.gov.uk">fergus.macleod@inverclyde.gov.uk</a>	11/06/2001	word	yes	
Midlothian	Stephen Benge	0131 271 3464 <a href="mailto:stephen.benge@midlothian.gov.uk">stephen.benge@midlothian.gov.uk</a>	11/06/2001	word	yes	
Moray	Caroline Cook	<a href="mailto:caroline.cook@edp.moray.gov.uk">caroline.cook@edp.moray.gov.uk</a>	19/10/2001	phone	no	Unable to do it this time.
North Ayrshire	Stephen Fraser	01294 225191 <a href="mailto:sfraser@north-ayrshire.gov.uk">sfraser@north-ayrshire.gov.uk</a>	11/06/2001	paper	yes	
North Lanarkshire	Derek Neil	01698 302352 <a href="mailto:neilld@norhtlan.gov.uk">neilld@norhtlan.gov.uk</a>	11/06/2001	word	yes	
Orkney	Karen Major	01856 888752 <a href="mailto:karen.major@orkney.gov.uk">karen.major@orkney.gov.uk</a>	06/07/2001	word	yes	
Perth & Kinross	Norma Robson	01738 476090 <a href="mailto:nrobson@pkc.gov.uk">nrobson@pkc.gov.uk</a>	17/10/2001	paper	yes	
Renfrewshire	Marja Blackstock	0141 842 5251 <a href="mailto:marja.blackstock@renfrewshire.gov.uk">marja.blackstock@renfrewshire.gov.uk</a>	09/07/2001	word	yes	
Scottish Borders	Colin Smith	01835 826511 <a href="mailto:cdsmith@scotborders.gov.uk">cdsmith@scotborders.gov.uk</a>	26/07/2001	word	yes	
Shetland	Suzanne Shearer	01595 744839 <a href="mailto:suzanne.shearer@sic.shetland.gov.uk">suzanne.shearer@sic.shetland.gov.uk</a>	22/10/2001	paper	yes	
South Ayrshire	John W. Esslemont	01292476716 <a href="mailto:john.esslemont@south-ayrshire.gov.uk">john.esslemont@south-ayrshire.gov.uk</a>	05/06/2001	word	yes	
South Lanarkshire	Laura M. Gaddis	<a href="mailto:laura.gaddis@southlanarkshire.gov.uk">laura.gaddis@southlanarkshire.gov.uk</a>	05/06/2001	paper	yes	
Stirling	Caroline Moore	<a href="mailto:moorec@stirling.gov.uk">moorec@stirling.gov.uk</a>	11/06/2001	word	yes	
West Dunbartonshire	Ronnie Lee	<a href="mailto:ronny.lee@west-dunbarton.gov.uk">ronny.lee@west-dunbarton.gov.uk</a>	21/05/2001	word	yes	
West Dunbartonshire	Rhona Hayton	01389 737516 <a href="mailto:moira.clark@west-dunbarton.gov.uk">moira.clark@west-dunbarton.gov.uk</a>	05/06/2001	paper	yes	
West Lothian	Craig McCorrison	01506 775286 <a href="mailto:craig.mccorrison@westlothian.gov.uk">craig.mccorrison@westlothian.gov.uk</a>	04/07/2001	word	yes	

## ANNEX B: HOUSEHOLD PROJECTIONS COMPLETION LOG

LA	Name of Person who completed it	Contact Number	Date Received	Word.Paper?	Checked	If not sending response
Aberdeen City	Tom Snowling	01224 523322	09/08/2001	paper	yes	
Aberdeenshire	Richard Belding	01224 664742 <a href="mailto:richard.belding@aberdeenshire.gov.uk">richard.belding@aberdeenshire.gov.uk</a>	23/07/2001	paper	yes	
Angus	Tom McCann	<a href="mailto:mccannt@angus.gov.uk">mccannt@angus.gov.uk</a>	01/08/2001	paper	yes	
Argyll & Bute	Alix Powers-Jones	01546 604472 <a href="mailto:alix.powers-jones@argyll-bute.gov.uk">alix.powers-jones@argyll-bute.gov.uk</a>	16/08/2001	phone	no	She said they would not be able to do the survey this time
Clackmannanshire	Cara William	01259 452021	19/10/2001	phone	no	She said they would not be completing the survey this time.
Dumfries & Galloway	Jaqueline Livingston	01387 260208 <a href="mailto:jacqueline.livingston@dumgal.gov.uk">jacqueline.livingston@dumgal.gov.uk</a>	19/10/2001	word	yes	
Dundee City	Iain Hosie	01382 433766 <a href="mailto:iain.hosie@dundeeccity.gov.uk">iain.hosie@dundeeccity.gov.uk</a>	19/10/2001	paper	yes	
East Ayrshire	Chris Trevor	<a href="mailto:chris.trevor@east-ayrshire.gov.uk">chris.trevor@east-ayrshire.gov.uk</a>	23/07/2001	word	yes	
East Dunbartonshire	Katrina McWilliam	<a href="mailto:katrina.mcwilliam@eastdunbarton.gov.uk">katrina.mcwilliam@eastdunbarton.gov.uk</a>	21/10/2001	email	no	Unable to complete survey on this occasion.
East Lothian	Mike Wynne	<a href="mailto:mwynne@eastlothian.gov.uk">mwynne@eastlothian.gov.uk</a>	24/07/2001	paper	yes	
East Renfrewshire	Brian McAuley	0141 577 3054 <a href="mailto:mcauleyb@eastrenfrewshire.gov.uk">mcauleyb@eastrenfrewshire.gov.uk</a>	16/08/2001	phone	no	He said that due to other commitments they could not complete the survey.
City of Edinburgh	Alistair Harvey	0131 469 3596 <a href="mailto:a.harvey@edin-city-dev.demon.co.uk">a.harvey@edin-city-dev.demon.co.uk</a>	19/10/2001	phone	no	Unable to complete survey on this occasion.
Eilean Siar	Keith Bray	01851703773ext.544 <a href="mailto:kbray@cne-siar.gov.uk">kbray@cne-siar.gov.uk</a>	17/10/2001	word	yes	
Falkirk	Jennifer Boag	01324 506010 <a href="mailto:jenny.boag@falkirk.gov.uk">jenny.boag@falkirk.gov.uk</a>	12/07/2001	word	yes	
Fife	Alex Dalrymple	01592 416300 <a href="mailto:alex.dalrymple@fife.gov.uk">alex.dalrymple@fife.gov.uk</a>	19/10/2001	word	yes	
Glasgow City	Jan Freeke	0141 2878647 <a href="mailto:jan.freeke@drcs.glasgow.gov.uk">jan.freeke@drcs.glasgow.gov.uk</a>	10/08/2001	word	yes	
Highland	Maggie Bochel	<a href="mailto:maggie.bochel@highland.gov.uk">maggie.bochel@highland.gov.uk</a>	19/10/2001	phone	no	Unable to complete survey on this occasion.
Inverclyde	Jean Hutton	<a href="mailto:devplan.planning@inverclyde.gov.uk">devplan.planning@inverclyde.gov.uk</a>	18/07/2001	word	yes	
Midlothian	Stephen Benge	0131 271 3464 <a href="mailto:stephen.benge@midlothian.gov.uk">stephen.benge@midlothian.gov.uk</a>	24/07/2001	word	yes	
Moray	Caroline Cook	<a href="mailto:caroline.cook@edp.moray.gov.uk">caroline.cook@edp.moray.gov.uk</a>	19/10/2001	email	no	Unable to complete survey on this occasion.
North Ayrshire	Stephen Fraser	01294 225191 <a href="mailto:sfraser@north-ayrshire.gov.uk">sfraser@north-ayrshire.gov.uk</a>	21/08/2001	paper	yes	
North Lanarkshire	Derek Neill	01698 302352 <a href="mailto:neilld@northlan.gov.uk">neilld@northlan.gov.uk</a>	09/08/2001	word	yes	
Orkney	Roddy McKay	01856 873535 ext.2507	17/10/2001	phone	no	He said they would not be completing the survey this time.
Perth & Kinross	Norma Robson	01738 476090 <a href="mailto:nrobson@pkc.gov.uk">nrobson@pkc.gov.uk</a>	21/10/2001	email	no	Unable to complete survey on this occasion.
Renfrewshire	Marja Blackstock	0141 842 5251 <a href="mailto:marja.blackstock@renfrewshire.gov.uk">marja.blackstock@renfrewshire.gov.uk</a>	10/08/2001	word	yes	
Scottish Borders	Colin Smith	01835 826511 <a href="mailto:lcdsmith@scotborders.gov.uk">lcdsmith@scotborders.gov.uk</a>	25/07/2001	word	yes	
Shetland	Infrastructure Service	<a href="mailto:eatd@sic.shetland.gov.uk">eatd@sic.shetland.gov.uk</a>	09/08/2001	paper	yes	
South Ayrshire	John Esslemont	<a href="mailto:john.esslemont@south-ayrshire.gov.uk">john.esslemont@south-ayrshire.gov.uk</a>	16/07/2001	word	yes	
South Lanarkshire	Michelle Dowling	01698 455960 <a href="mailto:michelle.dowling@southlanarkshire.gov.uk">michelle.dowling@southlanarkshire.gov.uk</a>	10/08/2001	word	yes	
Stirling	Caroline Moore	01786 443474 <a href="mailto:moorec@stirling.gov.uk">moorec@stirling.gov.uk</a>	18/10/2001	phone	no	She said they would not be completing the survey this time.
West Dunbartonshire	Seamus McFarlane	01389 737166 <a href="mailto:epes.data@west-dunbarton.gov.uk">epes.data@west-dunbarton.gov.uk</a>	17/10/2001	phone	no	He said they would not be completing the survey this time.
West Lothian	Craig McCorristan	01506 775265 <a href="mailto:craig.mccorristan@westlothian.gov.uk">craig.mccorristan@westlothian.gov.uk</a>	17/10/2001	phone	no	He said they would not be completing the survey this time.