

UK STATISTICS AUTHORITY

Minutes

Tuesday 28 July 2015,
Boardroom, London

Present

UK Statistics Authority

Sir Andrew Dilnot (Chair)
Professor Sir Adrian Smith
Mr Jonathan Athrow
Dame Moira Gibb
Professor David Hand
Mr Ed Humpherson
Dr David Levy
Mr John Pullinger

Secretariat

Mr Robert Bumpstead
Mr Jamie Hart

Apologies

Dame Colette Bowe
Ms Carolyn Fairbairn
Ms Heather Savory
Mr Glen Watson

Other Attendees

Ms Meghan Elkin (for item 8)
Mr Peter Fullerton (for item 9)

1. Apologies

Apologies were received from Dame Colette Bowe, Ms Carolyn Fairbairn, Ms Heather Savory and Mr Glen Watson.

2. Declarations of Interest

There were no new declarations of interest.

3. Minutes and matters arising from previous meetings

3.1 The Chair reported on the topics discussed at the meeting of the non-executive directors that had taken place prior to the start of the Board meeting. The non-executives had discussed the review of economic statistics, to be led by Sir Charlie Bean, and the Spending Review, which would be discussed later in the meeting.

3.2 The meeting reviewed progress with actions and the minutes of the previous meeting held on 26 June 2015 were agreed.

4. Report from the Authority Chair

4.1 The Chair reported on his recent activities, which included a meeting with Sir Charlie Bean and the National Statistician on 16 July and attendance of a Regulation Committee meeting on the same day.

4.2 The ongoing recruitment of three non-executive directors was considered, and it was agreed that members would provide names by correspondence, of any potential candidates by 7 August.

5. Reports from Committee Chairs

Audit and Risk Assurance Committee

5.1 Dame Moira reported on the Audit and Risk Assurance telephone briefing on 14 July. The briefing provided an opportunity for Mr Pullinger to update attendees on the Authority's position on the Annual Report and Accounts. Attendees of the briefing endorsed the approach taken by the executive.

Regulation Committee

5.2 Professor Sir Adrian Smith reported on the meeting of the Regulation Committee held on 16 July. The meeting had considered:

- i. the next steps on Police recorded crime statistics;
- ii. the approach taken by Monitoring and Assessment to the Spending Review;
- iii. an assessment of statistics on the UK House Price Index;
- iv. a series of assessments on population statistics;
- v. the communication plan needed ahead of the publication of the fifth health statistics Assessment Report;
- vi. that the risk policy for the Monitoring and Assessment team was to come in line with that for the rest of the Authority; and
- vii. a possible seminar looking at statistics for regions such as the 'Northern Powerhouse', London and Greater Manchester.

Administrative Data Research Network (ADRN) Board

- 5.3 Professor David Hand reported on the meeting of the ADRN Board held on 21 July. The Board had discussed:
- i. the ADRN's critical success factors, which were endorsed;
 - ii. progress with the ADRN's engagement with data owners. Government resources were mentioned as a potential barrier to enabling departments to provide data to the ADRN;
 - iii. the progress made in the ADRN Information Security policies; and
 - iv. the engagement event at the Royal Statistical Society on 8 October – which all Board members were invited to attend.
- 6. Report from the Chief Executive [SA(15)23]**
- 6.1 Mr Pullinger introduced a paper which provided the Authority Board with an overview of activity since the last Authority Board meeting. The Board heard that a series of workshop-style meetings had been held involving the Leadership Team, the National Statistics Executive Group, Government Statistical Service (GSS) Heads of Profession and the Office for National Statistics (ONS) Senior Civil Service group. It was noted that the level of enthusiasm shown in these groups was impressive.
- 6.2 Members of the Board welcomed news that the work led by Mr Watson, with the Implementation taskforces, and by Ms Savory on the digital agenda were both progressing well. In particular, the Board were pleased that the Beta version of the new ONS website was now online. It was also noted that Mr Pullinger met with the Minister for Immigration along with colleagues from the Home Office and ONS to discuss how the evidence base could be improved in this policy area.
- 7. Report from the Director General for Regulation [SA(15)24]**
- 7.1 Mr Humpherson provided an update on regulation activity since the last meeting. Work had started planning the re-assessment of the consumer price index (housing) (CPIH), with publication likely to be in the spring of 2016.
- 7.2 The meeting considered the spending review in the regulatory context and agreed that the governance of the budget for Monitoring and Assessment should be distinct from the governance of budget decisions for ONS. Members heard that the Monitoring and Assessment team intended to make the process for Assessment reports leaner.
- 8. Use of administrative data in the 2021 Census [SA(15)25]**
- 8.1 Ms Elkin introduced a paper which provided an update on the progress the Census Transformation Programme (CTP) had made with administrative data. The meeting heard that the CTP aimed to replicate as many census outputs as possible using administrative data by 2021, which would support a recommendation on a future approach to producing population and census statistics. The Board noted that CTP were pursuing access to data from a range of different departments, with most having progressed well, however it was also reported that sharing administrative data was not a priority on all departments' work programmes.
- 8.2 The Board were encouraged by the level of collaboration generally seen across government, and commended CTP on the provision of specific resources within departments to overcome the barrier of insufficient staff.

8.3 CTP intended to publish their first research update in the autumn and it was agreed that following this publication the Beyond 2021 Design team would be invited back to the Board to provide a further update.

9. Spending Review

Mr Pullinger and Mr Fullerton provided an overview of activity within the organisation to prepare for the next Spending Review. A further opportunity for Board members to discuss this issue would be provided during August.

10. Review and forward look

10.1 Sir Andrew Dilnot led a horizon-scanning exercise. Issues discussed included:

- i. staff resourcing;
- ii. the public mood on data privacy;
- iii. the Bean Review of economic statistics;
- iv. a new Concordat between the UK government and devolved administrations on statistics;
- v. elections in Scotland, Wales, Northern Ireland; and
- vi. the EU referendum.

10.2 The meeting considered the frequency of Board meetings, it was agreed that from the beginning of 2016, meetings would be held every two months.

11. Any other business

There was no other business. The Authority Board would meet next on Tuesday 29 September 2015 at 10:30 in London.

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Agenda

Tuesday 28 July 2015
Boardroom, Drummond Gate, 10:30 – 16:00

Chair: Sir Andrew Dilnot
Apologies: Mr Glen Watson, Ms Heather Savory, Dame Colette Bowe,
 Ms Carolyn Fairbairn

10:30 to 10:45 – Non-executive session

1	Minutes and matters arising from previous meetings <ul style="list-style-type: none"> • Declarations of interest 	Meeting of 26-06-15
2	Report from the Authority Chair <ul style="list-style-type: none"> • Economic statistics 	Oral report Sir Andrew Dilnot
3	Reports from Committee Chairs <ul style="list-style-type: none"> i. Audit and Risk Assurance Committee ii. Regulation Committee iii. ADRN Board 	Oral reports Dame Colette Bowe Professor Sir Adrian Smith Professor David Hand
4	Report from the Chief Executive	SA(15)23 Mr John Pullinger
5	Report from the Director General for Regulation	SA(15)24 Mr Ed Humpherson
6	Use of administrative data in the 2021 Census	SA(15)25 Mr Andy Teague and Mr Ben Humberstone
7	Spending Review	Discussion Mr John Pullinger and Mr Peter Fullerton
8	Review and forward look	Discussion Sir Andrew Dilnot
9	Any other business	

Next meeting: Tuesday 29 September 2015, 11:00 to 16:00, London

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SA(15)23

Chief Executive's Report, July 2015

Purpose

1. This report provides an overview of activity and issues for July.

Summary

2. This has been a pivotal month for the leadership team. We have held a series of meetings involving leaders from across the Government Statistical Service (GSS) to define our collective ambition for the delivery of the Better Statistics: Better Decisions strategy. There is strong alignment around a radical agenda for the next few years.
3. In parallel, the launch of the Bean Review into economic statistics provides us with an opportunity to ensure that in this most important area we will be focused on generating the statistics that will be most helpful to support critical decisions about the country's prosperity.
4. The statistical system is still skating on quite thin ice and there are significant vulnerabilities. We will have to work hard to reconcile support for teams who keep the show on the road day by day with the imperative to prepare for the future.

Review of recent activities

5. We have held a series of workshop-style meetings of the new Director General (DG) team, the National Statistics Executive Group, GSS Heads of Profession and the Office for National Statistics (ONS) Senior Civil Service (SCS) group. With the top leadership team now fully in place, we want to move quickly to create together a common ambition for the future of the statistical system that will deliver the Better Statistics: Better Decisions strategy.
6. The level of enthusiasm, commitment and alignment has been impressive and very encouraging indeed. We will build on this over the months ahead and are planning a series of papers for consideration by the Board after the summer with the aim that before Christmas we will have agreed a business plan that will encapsulate the following.
 - i. A completely refreshed approach to our interactions with those who use our data - ensuring we are as helpful as possible to the decision making process and have the full confidence of decision makers. The Bean Review is likely to be especially valuable in ensuring a successful outcome here alongside our work with the government's Implementation Taskforces and further development of the new website.
 - ii. Specific plans for outputs, including things we intend to develop, those we plan to stop and those we plan to change. This will include census development and how it links with development of other outputs. In many areas further consultation will be needed but we should be in a position following the Spending Review to set some clear expectations.
 - iii. An embedded culture of innovation and curiosity, taking to the next step the award winning work that has already been done on continuous improvement. As part of

this we will be looking hard at how to get rid of the impediments to innovation that arise from too much bureaucracy and complexity in decision making.

- iv. A financial plan, based on the Spending Review outcome that will demonstrate an ability to deliver efficiencies in line with wider public sector fiscal demands, and provide clarity about our future funding and business model so that we have the means to set a course and succeed.
- v. A clear way forward for our workforce and technology.

7. Other important developments in recent weeks include the issues noted below.

- i. Work has continued to assess the value of software held on the ONS balance sheet. We are now close to agreeing an approach that provides a bridge between appropriate valuations based on our former approach to technology and our future strategic direction.
- ii. Work led by Glen Watson with the Implementation Taskforces has moved up a further gear, linking across all the analytical professions. GSS colleagues have reviewed all the information packs prepared for the Ministerial meetings to ensure that the most relevant information is brought to the fore. I met the Minister for Immigration along with colleagues from the Home Office and ONS to discuss how best we can join up and improve the evidence base in this particularly challenging policy area.
- iii. Work led by Heather Savory on the digital agenda is also proceeding well, with the Beta version of the new ONS website now online. Developments toward a Single Business Register involving ONS, the Department of Business, Innovation and Skills and other departments are looking promising and will form the basis of a joint bid for the spending review.
- iv. Our event on income and earnings provided an opportunity for some very good interactions between producers and users of statistics in this area.
- v. The National Statistician's Data Ethics Advisory Committee met for the first time and further progress has been made on improved data access for research and statistics. The National Statistics Executive Group has also been considering the results of a consultation on Approved Researchers. This a policy area on which we expect to be seeking advice from the Board in the autumn.

Future look

- 8. Over the next few weeks most of the team will be taking a little summer downtime and preparing for a busy period from September onwards.

John Pullinger, 22 July 2015

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SA(15)24

Report from the Director General for Regulation

Purpose

1. This paper provides an update on regulation activity since the last meeting.

Recommendation

2. Members of the Authority Board are invited to note the activities and proposed actions.

Discussion

3. The main activities since the Board meeting on 26 June have been as follows.
 - i. **Spending Review 2015 (SR15):** The Regulation Committee discussed the 2015 Spending Review, and agreed two principles. Firstly, it is important that there should be separate governance for the Regulation side of the Authority, so that the distinction between Regulation and Production is preserved – and that this would be best discharged through me reporting Spending Review proposals to the Non Executives on the Regulation Committee. Secondly, the Committee agreed that the Regulation function should be equally as challenging of its operating model and productivity as the rest of the Authority. The Committee also asked me to consider the issues noted below.
 - The minimum coverage of the statistical system necessary to maintain a credible system of regulation (e.g. what proportion of National and Official Statistics should be covered on a rolling basis).
 - The capacity needed to deliver this coverage (e.g. the resources to deliver a given level of coverage).
 - The capability, in terms of operating model and team composition, to deliver this capacity and coverage.
 - ii. **Consumer Price Index (Housing) (CPIH):** The Monitoring and Assessment Team has begun to plan the re-assessment of CPIH following the triage exercise conducted with ONS. We have included the re-assessment within our published work programme, and announced it at the recent event to promote the Authority's consultation about CPIH. The re-assessment will be a full re-assessment against all elements of the Code of Practice for Official Statistics. As part of the re-assessment we will carry out our own user engagement exercise, starting in September. We will want to minimise the burden on people responding by reusing as much existing material as possible, and to that end we will ask to see the responses to the Authority's ongoing consultation on consumer prices.
 - iii. **Population statistics:** The population statistics assessment reports are due to be published on 30 July, subject to some minor changes requested by Regulation Committee members. Due to the importance of these statistics and the central role they play to the national statistical system's infrastructure the Regulation Committee members propose that a public event on population statistics could be included as a possible Better Statistics Better Decisions event next year.
 - iv. **Public comments on the use of statistics:** The Department for Work and Pensions (DWP) and the Department for Education continue to be sources of public cases for the Authority. In July, I responded to Jonathan Portes about DWP statistics, pointing out weaknesses in a work programme release and expressing concern about the unclear way a press release calculated the number of Jobseeker's Allowance (JSA)

claimants subject to sanctions. DWP have since published an ad hoc release summarising how they have calculated the sanctions rate, but this has raised further questions that we continue to explore with the Department. On the Department for Education, we have had further correspondence on Government statements on the performance of academies. We have concluded that Ministers are not misusing statistics, but that weaknesses in the official statistics themselves mean that it is not clear how far users can relate differences in school performance to differences in school status (i.e. academy versus non-academy).

4. On key themes we are monitoring:
 - i. Continued roll-out of our regulatory standard on **Quality Assurance of Administrative Data** (QAAD), and the related issue of management information.
 - ii. On 2 July, we hosted an **Income and earnings** conference, with around 90 attendees. We structured it around a series of presentations by producers of statistics (ONS, DWP and HM Revenue and Customs (HMRC)), followed by wide-ranging table discussions between users and statistics producers. The event presented a platform for greater dialogue between ONS, DWP and HMRC, and users of income and earnings statistics. The next step is to summarise and feedback the content of the day; and to support ONS in producing a cross Government Statistical Service (GSS) strategic framework for income and earnings in collaboration with DWP and HMRC.
 - iii. On **health**, we are now implementing the staged publication of our health outcomes assessments for England, and are developing a project to pull together analysis of the landscape of the health statistics landscape for the Board in the autumn.
 - iv. On **crime**, following the event on 9 June, we have been considering a proposal for the audit of crime recording from HM Inspectorate of Constabulary (HMIC). Their approach is welcome, and we will discuss with ONS how far the HMIC audits will be able to contribute to a wider framework of assurance, in line with the QAAD approach. We are also starting assessments of crime surveys in Scotland and Northern Ireland, and will consider the capping issue which was raised at the event.
 - v. We have not yet launched the stock take of the **Code of Practice**, planned for the autumn.

Challenges

5. As in past months, we continue to explore how best to enhance our impact and influence (I have, for example, had several Permanent Secretary meetings in the last month to raise awareness of the Authority's regulatory side). We also have a good deal of work to do to prepare papers for the Regulation Committee in relation to SR15. Finally, we are seeking to handle our casework in an appropriate and balanced way, and in some cases this can involve difficult or sensitive judgements.

Ed Humpherson, Director General for Regulation, 22 July 2015

List of Annexes

Annex A Key outputs since the last meeting

Annex A Key outputs since the last meeting

Assessment

We will publish seven assessment reports on 30 July:

- AR307 - Patient Outcomes Statistics: Patient Reported Outcome Measures (PROMs) for England (produced by the Health and Social Care Information Centre)
- AR 308 - Patient Outcomes Statistics: Summary Hospital-level Mortality Indicator – Deaths associated with hospitalisation, England (produced by the Health and Social Care Information Centre)
- AR309 - Special assessment of a new UK House Price Index: Phase 1 (produced by the Office for National Statistics, Land Registry, Registers of Scotland and Land & Property Services Northern Ireland)
- AR310 Population Estimates and Projections, produced by the Office for National Statistics
- AR311 Population Estimates and Projections for Wales, produced by the Welsh Government
- AR312 Population Estimates and Projections for Scotland, produced by the National Records of Scotland
- AR313 Population Estimates and Projections for Northern Ireland, produced by the Northern Ireland Statistics and Research Agency

There have been no designations or suspension of designations since the last Board meeting.

Monitoring

- *Quality Assurance of Administrative Data*
Aim: to embed the QAAD approach across the UK
Summary of progress: good progress to embed QAAD. Next stage - to reach out beyond GSS - will be challenging
- *Income and earnings*
Aim: to support significant enhancements in the value of official statistics on income and earnings
Summary of progress: good progress, including a good response to the July 2 event from ONS, HMRC and DWP.
- *Health*
Aim: to address the incoherence and inaccessibility of health statistics, especially in England
Summary of progress: the key is the strategic analysis. There's a lot to do over the summer.
- *Crime*
Aim: to widen our focus from the quality of the statistics to consider their value.
Summary of progress: Authority positioned as a thought leader. We are now considering the HMIC proposal for a rolling programme of crime audits.

- *Code of Practice*

Aim: to stock of the current Code in the autumn.

Summary of progress: Not yet started

Casework

From	To	Regarding	Date
Mr Ed Humpherson	Andrew Anderson	Scottish Government statement on police recorded crime clear up rates	21 July 2015
Mr Ed Humpherson	Iain Bell, Director, Department for Education	Academy performance statistics	6 July 2015
Mr Ed Humpherson	Warwick Mansell	Test results of primary schools which are academies	6 July 2015
Mr Ed Humpherson	Jonathan Portes, Director, National Institute of Economic and Social Research	DWP statistics	6 July 2015
Sir Andrew Dilnot	Kevin Brennan MP	Schools workforce statistics	30 June 2015

UK STATISTICS AUTHORITY

SA(15)25

Use of Administrative Data by the Census Transformation Programme

Purpose

1. This paper provides an update to the Authority Board on the progress the Census Transformation Programme (CTP) has made with administrative data since the National Statistician's recommendation.

Recommendations

2. Members of the Authority Board are invited to:
 - i. note the progress and plans of CTP towards administrative data;
 - ii. comment on whether there are any other areas we should pursue; and
 - iii. provide advice on how CTP could overcome the barriers noted.

Background

3. The CTP aspirations for administrative data include the following.
 - i. Replicating as many census outputs as possible using administrative data (and surveys) by 2021. This will allow us to evaluate our ability to implement a non-census approach in the future and provide evidence to support a recommendation in 2023 about the future approach to producing population and census statistics.
 - ii. Publishing a research update and outputs each year, subject to data access and quality. These were previously known as trial outputs.
 - iii. Producing new integrated census and admin data outputs, subject to data access and quality. For example, linking administrative data on income to the 2021 Census to produce census type statistics on income.
4. One of our underlying assumptions is that administrative data will not be the whole solution and will require some information from surveys. However, CTP are currently committed to no new surveys before 2021. This is primarily because introducing a new survey could be interpreted as pre-determining the post 2021 approach and that we would need any new surveys to be compulsory, which under current legislation is not possible. Instead we intend to use existing surveys, and censuses to simulate surveys, to develop our methods and outputs.

Discussion

Acquiring and using administrative datasets

5. To maximise the range of administrative based estimates by 2021 requires:
 - i. the acquisition of administrative datasets;
 - ii. the assessment of the suitability of administrative datasets;
 - iii. administrative data to be linked to the census and estimation methods developed; and
 - iv. the production of research outputs to seek feedback.
6. CTP are pursuing access to the Department of Work and Pensions (DWP) and HM Revenue and Customs (HMRC) record level data on tax and benefits to help produce income and household outputs and to provide activity information (using how an individual interacts with an admin system to provide confidence in their location and residence status). CTP fund a grade 7 (G7) staff member in DWP and two members of

CTP spend two days a week working in HMRC in order to understand and assess the suitability of the data. The findings will be included in the new information sharing order (ISO) business case for future data supply.

7. The aim is for four record level, non-personal datasets to be supplied from DWP to ONS in August 2015. These are the National Benefits Database, the Single Housing Benefit Extract, Tax Credits data and Pay As You Earn Pay data. The aim is to use these datasets to improve the admin based population counts and produce income research outputs for the 2016 research update. These datasets will inform the long-term supply which will also need to include Universal Credit and Personal Independence Payments as they are becoming the standard for DWP benefit payments (see paragraph 13).
8. CTP have started discussions with the Health and Social Care Information Centre (HSCIC), to understand their datasets. An early assessment suggests that health datasets will be able to provide activity and characteristics information, with the potential to provide information to create a health indicator. The current focus is on the Patient Demographic Service (PDS) and Hospital Episodes Statistics (HES).
9. The Department for Business, Innovation and Skills (BIS) approached CTP about plans to create an All Education Dataset by bringing together administrative data from school, higher education and further education for everyone born from 1985 onwards. CTP now fund a G7 in BIS for this project given the benefits the project could bring to CTP and the lack of funding available in BIS. There is potential for this data to be used to create qualification research outputs. It also holds other characteristic information (such as ethnicity and language) and may have some activity data. BIS are assessing the quality of the data and assisting with assessing whether a new legislative gateway (such as an ISO) would be required.
10. CTP have held an initial requirements meeting with the Drive and Vehicle Licensing Agency (DVLA) to discuss accessing vehicle and driver data. There is potential to provide information on people completing forms online and on young males, a group that are particularly hard to enumerate. There is also potential to produce statistics on cars and vans; CTP are aware of the limitations with this data due to how company cars are recorded. DVLA have agreed to provide metadata on their datasets to help CTP assess potential.
11. In March, Parliament approved an ISO to allow the Valuation Office Agency (VOA) to share information about addresses with ONS, including the physical attributes of properties as well as dates of last inspection and allocation to council tax band, which indicate how up to date property attribute data are. This data has potential to improve the quality of the address register and to help with census topics on number of rooms and type of accommodation.

Barriers to accessing and using administrative data

12. There are two key barriers to progressing the administrative data work in CTP:
 - i. Departmental priorities; and
 - ii. engagement with health departments and agencies.
13. Investigating options for supplying benefits data in the future requires resource from DWP which currently is not available. One long-term option is to develop the Unified Publication Database (which combines all benefits and universal credit together). This would benefit ONS, BIS and DWP, but it is not on DWP's work plan. Even if money were available to develop a solution, it is a low priority. Advice from DWP is to pursue raising

this issue with ministers in order to reconcile the government priority of data sharing and the low priority within departments.

14. There is a lot of potential in health administrative data however there are challenges in identifying ways of accessing the data and in establishing who to engage with (see paragraph 17).
15. Of course the big prize would be a mandatory power to access data held by public and private bodies. Such access would open up a broader spectrum of real-time information allowing CTP to reduce reliance on surveys even further.

Governance

16. A data-sharing board, at Director level, has been established between ONS, DWP and HMRC which is jointly chaired by Ian Cope (ONS) and Cindy Bell (HMRC). This board was established to help overcome barriers to data sharing; the low priority of data sharing for DWP will be discussed at the July meeting.
17. Given the particular sensitivities about sharing health data, and the challenges of engagement given the public concern about care.data, CTP are working with Administrative Data Service to establish a similar data sharing board for health data,
18. CTP have established a working level “CTP data suppliers group” to support pursuing access to each of the datasets outlined above and the research to assess how they can be used.

Assessing suitability

19. CTP are developing an assessment framework to be included in the Beyond 2021 Annual Assessment (which will be published each April from 2016). The framework will assess the suitability of the admin datasets for use in census operations and estimates, to produce integrated outputs and to produce research outputs. An early assessment of the potential of administrative data was published as part of the 2021 Census topic consultation (**Annex A**). This version does not include a quality or coverage assessment.

Research outputs

20. CTP intend to publish the first research update and outputs in autumn 2015. The research update will include:
 - i. our aspirations for using admin data and our progress in acquiring datasets;
 - ii. our plans for future years;
 - iii. outcomes from further research in to developing estimates of the population using administrative data and our methods to do so;
 - iv. research outputs - population counts for each local authority in England and Wales as a series for 2011, 2013 and 2014 by 5 year age groups and sex;
 - v. analysis comparing the research outputs to the ONS mid-year population estimates; and
 - vi. case studies to highlight quality issues with the administrative data.
21. The aim of publishing the research update and outputs is to enable:
 - i. feedback from users on quality;
 - ii. methods to be improved through time;
 - iii. procedures to be operationalised;
 - iv. the case for additional data to be built through stimulating demand; and
 - v. users to derive early benefits.

22. Each year CTP will gradually expand the research outputs to include more topics, greater geographical detail and/or to improve accuracy and timeliness. From 2016 onwards, two series of population counts will be published. One using the 2015 methods to provide a consistent series and one developmental series to incorporate methodological improvements. The aim is to expand the research outputs to include single year of age and output area population counts. Subject to data access and quality the intention is also to introduce income, household, health and qualification outputs.

Meghan Elkin, Beyond 2021 Design, 16 July 2015

List of Annexes

Annex A Potential of Administrative Data

Annex A Potential of Administrative Data

-  No data available
-  Possible data available
-  Data available

The assessment provides an indication of data being available. It does not capture an assessment of quality such as coverage, accuracy or relevance.

Individual variables

Sex	G	G	G	G	R
Date of birth	G	G	G	G	R
Marital Status	A	R	A	R	R
Household relationships	A	R	R	R	R
National identity	R	R	G	R	R
Ethnicity	A	A	G	R	R
Language (ability to speak English or Welsh)	RA	RA	A	R	R
Religion	R	R	G	R	R
Qualifications	R	R	AG	R	R
General health	R	A	RA	R	R
Disability/long-term health conditions	A	A	A	RA	R
Carers (number of)	A	R	R	R	R
Economic Activity	A	R	A	R	R
Industry of occupation	A	R	R	R	R
Mode of travel to work	R	R	R	R	R
Place of work	A	R	R	R	R
Country of birth	RA	RA	R	R	R
Internal or international migrant	A	G	A	A	R
Term time address	R	R	G	R	R
Income	AG	R	R	R	R
Sexual identity	R	R	RA	R	R
Activity (interacting with system from which data are taken)	G	G	G	G	RA

Household variables

Size of accommodation	R	R	R	R	G
Type of dwelling	RA	R	R	R	G
Tenure	RA	R	R	R	R
Number of cars and vans	R	R	R	AG	R

	Earnings and benefits data ¹ Department for Work and Pensions, HM Revenue and Customs	Health data ² Health and Social Care Information Centre, NHS Wales Informatics Service	Education data ³ Department for Business, Innovation & Skills, Department for Education, Welsh Government	Vehicle and driver data ⁴ Department for Transport, Driver and Vehicle Licensing Agency	Property attributes ⁵ Valuation Office Agency
Sex	G	G	G	G	R
Date of birth	G	G	G	G	R
Marital Status	A	R	A	R	R
Household relationships	A	R	R	R	R
National identity	R	R	G	R	R
Ethnicity	A	A	G	R	R
Language (ability to speak English or Welsh)	RA	RA	A	R	R
Religion	R	R	G	R	R
Qualifications	R	R	AG	R	R
General health	R	A	RA	R	R
Disability/long-term health conditions	A	A	A	RA	R
Carers (number of)	A	R	R	R	R
Economic Activity	A	R	A	R	R
Industry of occupation	A	R	R	R	R
Mode of travel to work	R	R	R	R	R
Place of work	A	R	R	R	R
Country of birth	RA	RA	R	R	R
Internal or international migrant	A	G	A	A	R
Term time address	R	R	G	R	R
Income	AG	R	R	R	R
Sexual identity	R	R	RA	R	R
Activity (interacting with system from which data are taken)	G	G	G	G	RA
Size of accommodation	R	R	R	R	G
Type of dwelling	RA	R	R	R	G
Tenure	RA	R	R	R	R
Number of cars and vans	R	R	R	AG	R