PUBLIC SAFETY PORTFOLIO

Open Data Strategy

2015 - 16

Contents

Introduction

The Queensland Government's Open Data Initiative is focused on making available the basic or 'raw' data that government collects, generates and stores, with the aim of encouraging innovation within community and industry, as well as making the government more transparent and accountable. The Open Data Initiative supports government's vision to make real improvements to the way government works and delivers services to the Queensland community.

The Public Safety Portfolio (PSP) is committed to the Open Data Initiative. The PSP is comprised of the Queensland Police Service (QPS), Queensland Fire and Emergency Services (QFES), the Office of the Inspector-General Emergency Management (IGEM), and the Public Safety Business Agency (PSBA).

Open data comes in many different forms. In the PSP, it includes information about the performance of our operational officers, crime statistics, mapping data and much more.

PSP open data will support the following portfolio business objectives:

- Deliver professional public safety services to the community;
- Enhance the community's access to the best public safety services;
- Deliver and continue to develop efficient public safety services; and,
- Increase interoperability and eliminate duplication and waste.

PSP data is highly sought after, and used by the public and private industry, media, academia, and all levels of government.

The PSP is committed to making up-to-date data available to the community, as early as possible, whilst also maintaining data quality and confidentiality and meeting legislative and privacy requirements.

Feedback on this strategy is encouraged. Please contact the department via email: opendata@psba.qld.gov.au.

Purpose

This strategy outlines the actions the PSP will undertake to support the Government's Open Data Initiative and therefore documents the PSP commitment to Open Data.

Principle

The strategy is underpinned by the principle that datasets will be made available in a timely manner, unless they are restricted for reasons of privacy, security, commercial confidentiality or compliance with the law.

Objectives

By improving access to quality public safety data, the PSP is seeking to:

- Enhance community safety, resilience and awareness;
- Build community trust; and,
- Foster innovation and collaboration.

Strategies

In line with the Government's Open Data Initiative, the PSP will implement a number of strategies to ensure it meets its objectives:

- Raise awareness throughout the portfolio;
- Embed open data as part of 'business as usual' for PSP;
- Promote datasets that will generate the greatest level of demand from audiences;
- Raise community awareness of the PSP and data available;
- Promote the value created by open data;
- Continuously improve data quality and quantity and,
- Proactively engage with app developers, tertiary institutions and events such as GovHack to drive innovative uses of PSP datasets.

Data

The PSP currently has 79 datasets available on the Queensland Government data portal.

Appendix A outlines an additional 27 data categories that will be explored for open publication opportunities over the next 12 months. They are based on evidence of demand taken from RTI requests made of the PSP, similar data published on other state and federal open data portals and the type of data already made available (at a high level and in a non-machine readable format) through annual and other reports.

The data and datasets released on the open data portal will have one or more of the following characteristics:
- Allow new products or services to be developed by users of the data, subject to applicable licensing;
- Of public interest;
- Increase transparency of the PSP and its processes;
- Can be analysed by researchers and non-government organisations;
- Report on customer feedback and experience;
- Promote public engagement; and,
- Machine readability.

Queensland Police Service
Data from the QPS will consist of crime statistics (offences, offenders and victims of crime) and operational policing data, including the approved location of speed cameras.

In addition, a crime statistics web application has already been released, which allows users to locate reported offences at street level. The Application Program Interfaces for this application is available through the open data portal.

Queensland Fire and Emergency Services
Data from QFES will include real-time data with a focus on fire incident data, QFES service locations, bushfire hazard areas, and other statistical data. The aim of sharing this data is to improve community resilience and increase interoperability between the government, private sector and community, specifically in the event of a state-wide emergency or disaster.

Inspector-General Emergency Management
The Office of the IGEM focusses on how data from all sources can be used to support Queensland disaster management for the benefit of the community.

Public Safety Business Agency
Data from the PSBA is diverse, ranging from Queensland Government Air services information to mapping data related to bushfire hazards.

All Agencies
All agencies will make appropriate data available on:

- Operational emergency services;
- Geographic Information Systems (GIS) mapping;
- Geospatial data for regions, districts, divisions and boundaries;
- Financial and workforce/human resources;
- Grants and service procurement for front line services(Queensland Government Investment Portal);
- Vehicle fleets;
- Volunteers; and,
- Corporate performance.

Implementation

The PSP Open Data Strategy sets out a two year Action Plan to ensure the strategies are implemented, in order to achieve the stated objectives. The Action Plan and progress made against the actions is attached at Appendix B.

The Action Plan will be led by PSBA, and supported by each agency within the PSP.

Performance Measures

PSP progress on the Open Data Initiative will be measured using the following performance measures:
- Number of datasets published and updated
- Reduction in external inquiries for data (focus for 2016 will be requests through RTI, Statistical Services and QPS Research Committee)
- Number of applications and services established using PSP Open Data
- PSP Open Data Maturity Rating

Review

This strategy will be reviewed every 12 months to ensure it remains current and accurate.

Governance

Each agency within the PSP will have a Data Custodian who will be ultimately accountable for approving the publication of data to the Open Data portal.

Data Custodians will have the following responsibilities:
- Ensure datasets do no breach legislative requirements;
- Ensure datasets are of the highest quality and integrity;
- Regularly review customer feedback to ensure continual dataset improvement; and,

- Maintain ongoing capacity to manage and make datasets accessible.

These Data Custodians will be collectively referred to as the PSP Open Data network.

The network will be managed by PSBA Information and Data Services. Information and Data Services reports to the Chief Information Officer, PSBA.

Information and Data Services will conduct quality assurances before the public release of datasets.

An Internal Working Group, which will include PSP Data Custodians (or their representatives), Information and Data Services PSBA, Right to Information & Privacy Unit PSBA and Strategy PSBA, has been established to ensure collaboration across the agencies in meeting the strategic objectives outlined.

Appendix C outlines a governance framework for PSP datasets to be published on the government's open data webpage.

Appendix D outlines a process framework to ensure PSP datasets are suitable for publishing.

Future

The PSP is committed to sharing timely and accurate data with the community, and supports the Open Data Initiative as an opportunity to improve transparency and support innovation.

PSBA will monitor the Open Data email address at opendata@psba.qld.gov.au for any requests, comments or feedback and will respond accordingly.

Public feedback, legal requirements and operational requirements will guide the PSP for future information availability, quality and timelines.

Closed datasets

Due to the sensitive nature of a portion of data held by the PSP, some datasets will remain indefinitely closed to the public.

However, through the PSP Open Data Working Group, where possible, agency data custodians will identify uses of closed datasets that will have a positive impact on community safety. For example, cross-referencing disaster management and policing closed datasets may offer solutions to public safety concerns.

Appendices

Appendix A: Public Safety Portfolio Target Datasets

<table>
<tr><th colspan="5">Datasets to be released and release timelines</th></tr>
<tr><th>Data Category and Agency</th><th>Description</th><th>Target date of publishing</th><th>Target file format</th><th>Frequency of update</th></tr>
<tr><td colspan="5" align="center">All/Multiple</td></tr>
<tr><td>Service Response Times (QPS, QFES, QGAir)</td><td>Aggregated service response times by event type/region/district for emergency and non-emergency incidents</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Training and Skills Development (All)</td><td>Course or capability. Number of staff per FY by demographic</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Gifts and Benefits Register</td><td>Registers of gifts received including gift description, name of donor and recipient, value, date, whether employee retained gift and what the benefit to the community was.</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Catering and Hospitality Costs</td><td>Amount spent on event catering and hosting broken down by agency/region/FY.</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Additional Income</td><td>Details of income generated by special services, grant/sponsorship, other contributions</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Staff numbers</td><td>Number of staff by region and demographic breakdown</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Assets</td><td>Assets by type/region</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Compliments and Commendations</td><td>Number of compliments received of staff performance and behaviour by region/district</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Complaints</td><td>Number of complaints received about staff performance and behaviour by region//division</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td colspan="5" align="center">Queensland Fire and Emergency Services</td></tr>
<tr><td>Cost of Fire and Rescue Incidents</td><td>By region and type</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Real-time incident data</td><td>Expanded use of the current incidents capability (current only publish current bushfire incidents)</td><td>End 2016</td><td>KMZ</td><td>Every 30 minutes</td></tr>
<tr><td>Community Education Effort</td><td>Time/Cost/Type by region</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td colspan="5" align="center">Queensland Police Service</td></tr>
<tr><td>Cost of Personal Security</td><td>Cost of providing personal security services to public officials</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Crime Clear-Up Rates</td><td>Crime clear-up rates by crime type and division</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
<tr><td>Wrongful Arrests</td><td>Number of wrongful arrests and compensation paid by region/district</td><td>End 2016</td><td>CSV</td><td>Annually</td></tr>
</table>

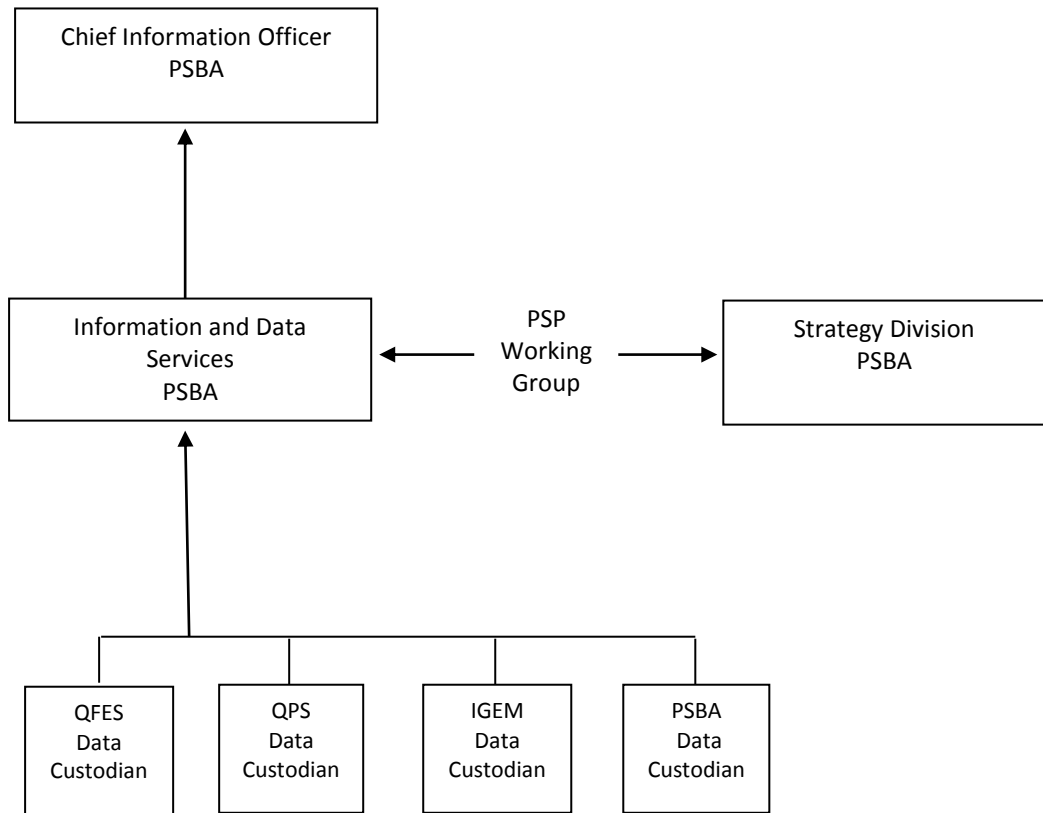| Datasets to be released and release timelines				
Data Category and Agency	**Description**	**Target date of publishing**	**Target file format**	**Frequency of update**
Assaults on Police Officers	Assaults on officers in course of duty by district/division	End 2016	CSV	Annually
Use of Force Statistics	Number for police use of force by type and region/district	End 2016	CSV	Annually
Death Following Police Contact	Number of incidents of death following police contact, including car chases by incident type and region/district	End 2016	CSV	Annually
Police Procedures	Number of procedures employed by type and region/district	End 2016	CSV	Annually
Road Safety Offences	Offences by type and region/district eg. DUI, seatbelts, speeding, red light cameras, using mobile phones	End 2016	CSV	Annually
Road Trauma incidents	Incidents (fatalities and hospitalisations) by police district	End 2016	CSV	Annually
Random Breath Tests	RBT and detections by district/division	End 2016	CSV	Annually
Roadside Drug Testing	Tests and detections by district/division	End 2016	CSV	Annually
Public Safety Business Agency				
Government Air Wing Services	Flights taken by Ministers and Officials	End 2016	CSV	Annually
Blue Cards Issued	Number of Blue Cards issued	End 2016	CSV	Annually
Blue Cards Revoked	Number of Blue Cards revoked and reason	End 2016	CSV	Annually

Appendix B: 2014-2015 Public Safety Portfolio Open Data Action Plan

No.	Action	Timeframe	Unit Responsible	Status
1	**Raise awareness throughout the portfolio**			
	Data Custodians to be nominated within each agency	September 2014	Information and Data Services, PSBA	Complete
	Establish PSP Open Data Working Group	September 2014	Information and Data Services, PSBA Strategy Division, PSBA	Complete
	Whole-of-portfolio agreement and support on PSP Open Data Strategy	Open Data Strategy signed off across portfolio by 30 September 2014	Strategy Division, PSBA	Complete
	Open Data Strategy uploaded onto Queensland Government Open Data Webpage	October 2014	Information and Data Services, PSBA	Complete
	Strategy to be promoted throughout PSP to raise staff awareness (e.g. PSBA Pulse, Police Bulletin, QFES Commissioner's Update, messages from Senior Management, etc.)	Periodically	Information and Data Services, PSBA Strategy Division, PSBA	Article prepared for Issue 20, 2016.
2	**Embed open data as part of 'business as usual' for Public Safety Portfolio**			
	PSBA Information and Data Services to contact each Agency and ensure all data be made available with emphasis placed on proactive disclosure of data	September 2014	Information and Data Services, PSBA	Complete
	PSP to employ performance measures to ensure quality standards and to meet increase in data availability across portfolio	October 2014	Information and Data Services, PSBA	Complete
	PSBA Information and Data Services to consistently increase the number of datasets available on the Open Data website	Every six months, beginning January 2014	Information and Data Services, PSBA	Ongoing
	PSP Open Data Working Group to internally identify effective uses of closed datasets.	Ongoing	Data Custodians PSP Open Data Working Group	Ongoing
	Develop and maintain a catalogue of all datasets across the agencies, including published and unpublished data	June 2016	Information and Data Services, PSBA	
	Develop and implement an	June 2016	Information and	

No.	Action	Timeframe	Unit Responsible	Status
	approval process for the PSP agencies to formally approve the release of data for publishing		Data Services, PSBA	
3	**Promote datasets that will generate the greatest level of demand from audiences**			
	PSBA to work with agencies to publish and promote datasets that will encourage research and innovation in the use of PSP open data sets	November 2014	Information and Data Services via Data Custodians and Strategy Division, PSBA	Ongoing
	PSP Working Group to determine and report through engagement with internal and external sources which industries would benefit most from PSP data	December 2014	PSP Open Data Working Group	Ongoing
	Identify strategies to unlock the benefits of open data for the community in the following areas: - disaster management - emergency management - community resilience - crime data	December 2014	Strategy Division, PSBA	Ongoing
4	**Raise community awareness of the PSP and data available**			
	PSBA media unit to regularly promote PSP datasets to the public through various channels (e.g. social media, media outlets)	For any event/time where use of data might be advantageous (e.g. emergency services data available in storm season, etc).	PSBA Media	Ongoing
	Research and develop potential ideas to commission development of suitable products/services to benefit the community	Ongoing	PSP Open Data Working Group Contracted external App Developers	Ongoing
5	**Promote the value created by open data**			
	Develop case studies for each agency to showcase innovative uses, and the value, of open data.	Every 12 months	Strategy Division, PSBA	Underway
6	**Continuously improve**			
	Analyse and report on feedback received on datasets of interest from the public	Every 12 months	PSBA Data Custodian	Underway
	Conduct 'lessons learned' exercise to inform future actions	Every 12 months	PSP Open Data Working Group	Underway
	Review and revisit Action Plan	Every 12 months	Information and Data Services, PSBA	Year 1 review finalised

No.	Action	Timeframe	Unit Responsible	Status
			Strategy Division, PSBA	
7	**Proactively engage with app developers and tertiary institutions**			
	Engage with app developers, tertiary institutions and events such as GovHack, to continue to drive innovative uses of PSP datasets.	Ongoing	Strategy Division, PSBA	Ongoing

Appendix C: Public Safety Portfolio Open Data Governance Framework

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Data Custodian QFES, QPS, IGEM and PSBA: identify potential datasets within respective agencies, ensure suitability of data, oversee cleansing of datasets, submit datasets approved for publication to Information and Data Services,

Information and Data Services PSBA: liaise with agency Data Custodians, coordinate PSP Working Group, upload and maintain PSP agency data on data.qld.gov.au, monitor performance against agreed performance measures, analyse portal activity and feedback received via Open Data portal and consistently increase the number of datasets available.

Strategy Division PSBA: Participate in PSP Working Group, PSP Open Data Strategy, develop open data performance measures, identify strategies to unlock benefits of PSP open data, and promote value created by open data.

Appendix D: Public Safety Portfolio Open Data Process Framework

Public Safety Portfolio Open Data Publication Process