A Security Audit of Australian Government Websites

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Abstract

This document presents a security analysis of the Australian government websites (Both federal and state-level), with a focus on the adoption of the encrypted communication protocol, HTTPS, the security level of its implementation and configuration in government websites, as well as the security of the websites resources loading from external parties.

What HTTPS does: HTTPS protects the integrity and confidentiality of data between the user's computer and the website by preventing information from being read or altered while in transit. It also provides authentication mechanisms that prevent unknown or untrusted websites from masquerading as the intended website (e.g., a government website or service), ensuring that the other end of the channel is the one the user intends to communicate with.

Dataset: We extracted the list of government websites, both for the federal government and for the state/territory governments, from public directories as reported in [1–3, 9, 10, 12, 14, 16, 17] and retained websites that are hosted under the .gov.au domain space. Overall, we analysed a set of 1862 websites, of which 827 belong to the federal government departments and 1035 belong to state/territory governments.

Methodology: Our analysis relies on extensive security audits performed on both Australian federal government websites (in 2018, 2019, and 2020) and Australian state/territory government websites (in 2020). We conduct the analysis in three main steps: (*i*) we assess the extent to which websites belonging to Australian government institutions enable secure data transmission by adopting HTTPS for their websites; (*ii*) we test HTTPS server configurations for each website using state-of-the-art diagnostic tools, and provide government websites with a security rating score from 1 to 5 stars; and (*iii*) we investigate additional issues in the webpage resources loading: the inclusion of outdated, vulnerable JavaScript code, and the presence of weak links in the chains of downloaded web resources.

Results: Our analysis of the security of the Australian government websites reveals that:

- 84% of the Australian federal government websites currently adopt HTTPS. The fraction of HTTPS websites has substantially increased over the last two years, from 36% in September 2018 to 78% in November 2019 and 84% in August 2020. However, the fraction of Australian government websites that do not adopt HTTPS is still significant (≈16%), as of August 2020.

- Some specific federal government departments-owned webpages are of particular concern. For example, 34.5% of the websites belonging to the Australian Department of Health and 47.4% of the Department of Environment and Energy still use plaintext (non-encrypted) HTTP.

- Our analysis of the state/territory governments websites also revealed major HTTPS (non) adoption concerns. We find that 11% of state/territory governments webpages still do not support HTTPS; the fraction goes up to 25% in the case of Tasmanian state government. Only in the case of Northern Territory government, all analysed websites use HTTPS.

- Our measurements of the HTTPS configuration and implementation vulnerabilities reveal both light and shadow. While the majority of the HTTPS-enabled Australian government websites (≈92%) offer exceptional HTTPS configuration settings as of August 2020, with strong commercial security guarantees (Rated 5 Stars) and adequate server security with only minor potential issues with old/obsolete client browsers and operative systems (Rated 4 Stars), 8% currently exhibit very low security guarantees, with possible exploitable vulnerabilities, misconfigurations or the use of insecure cryptographic protocols.

- The overall HTTPS server security has significantly improved over the last two years evolving from 71% of the websites rated 1 Star back in 2018, due to major (exploitable) server misconfigurations, to 30% in November 2019 and then "only" 3.9% (for federal government) and 7.4% (for state/territory governments) in August 2020.

- Amongst the weakly secured HTTPS websites, we mainly detected weaknesses in cryptographic mechanisms (e.g., use of weak ciphers), support of vulnerable protocols (e.g., SSL3), and "untrusted" certificates not allowing for correct server-identity validation. Current HTTPS server security is particularly concerning for a number of Australian state/territory governments such as Northern

Territory, for which 20% of the analysed websites have resulted in at least one misconfigured HTTPS certificate and received a 1 Star security rating.

- The majority of the Australian government websites incorporate vulnerable resources in their webpages. In particular, at least 57% of federal government webpages and more than 70% of state/territory government webpages include at least one outdated or deprecated JavaScript library with publicly known vulnerabilities. For example, by embedding an old version of *JQueryUI* library, almost 10% of Australian government websites are exposed to a high-severity Cross-Site Scripting (XSS) vulnerability, which could be exploited by attackers to inject malicious code in the webpage.

1 Introduction

Data confidentiality and content integrity in end-to-end communications are critical features of today's online Web services. Being the cryptographic foundation of the Web, the Hyper Text Transfer Protocol Secure (HTTPS) [34] leverage Transport Layer Security (TLS) [35] protocol to ensures that webpages are secure against external entities eavesdropping or altering Internet content. While HTTPS adoption is becoming the norm across the wider Web with many of the largest websites having transitioned to serve content only via HTTPS [21], several technical challenges (errors and complications in HTTPS adoption), if not addressed, may lead to poor protection against adversaries targeting visitors of websites and low standards of the deployment of HTTPS which in turn creates security vulnerabilities to be exploited by cybercriminals. This is particularly true for government websites whose content is highly sensitive and that citizens are expecting to hold the highest level of security requirements. In 2015, the Executive office of the U.S President issued a memorandum[1] for the heads of the U.S executive departments and Agencies that requires that all publicly accessible federal websites and web applications provide services *only* through a secure connection. Memorandum reads *"The strongest privacy and integrity protection currently available for public web connections [being] Hypertext Transfer Protocol Secure (HTTPS)."*

In this document, we perform a comprehensive security and vulnerability analysis of Australian federal (in 2018, 2019, and 2020) and state/territory (in 2020) government websites. We leverage Qualys SSL Labs tool [11] and custom-built scripts to assess the extent to which Australian government institutions enable secure data transmission by adopting HTTPS for their websites. We also investigate HTTPS server configurations for each website using state-of-the-art diagnostic tools, and provide government websites with a security score from 1 to 5 stars. Besides, we illuminate on additional issues in the resource loading [29] of websites including the insertion of outdated, vulnerable JavaScript code and the presence of weak links in the chains of downloaded web resources.

Our analysis reveals that most of (but not all) Australian government websites currently provide adequate security guarantees. More than 80% of the analysed websites adopt HTTPS, and almost 90% of the HTTPS-enabled websites provide strong or adequate security by adopting robust server configurations. Overall, we find that the security of Australian government websites has improved over the last few years: back in 2018, only 36% of websites were HTTPS-enabled, and more than 70% of the analysed HTTPS servers presented insecure configurations.

Our security audit also reveal several gaps and pitfalls in the current security of Australian government websites. *First*, several federal government departments and states/territories governments are still far from full HTTPS adoptions. For example, 25% of Tasmanian government websites and 34.5% of (federal) Department of Health websites were still not HTTPS-enabled in August 2020. *Second*, a non-negligible fraction of HTTPS-enabled websites (e.g., 3.9% for federal government) present insecure HTTPS server configurations, due to sub-optimal or weak cryptographic mechanisms, support of vulnerable protocols, or certificate trust issues. Such episodes may place client information at risk of being intercepted and obtained by a malicious agent (despite the use of HTTPS). *Third*, the majority of Australian government webpages embed vulnerable resources, especially outdated front-end JavaScript libraries with publicly known vulnerabilities, which could be exploited by attackers to inject malicious code in the webpages.

The rest of this document is organised as follows: Section 2 provides background information on HTTP and HTTPS protocols. Section 3 describes the analysed sets of Australian government websites and it presents our analysis methodology. In Section 4, we evaluate the adoption of HTTPS in Australian government websites over the 2018-2020 period, and for both federal and state/territory webpages. In Section 5, we investigate HTTPS

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[1]

servers' configurations and we provide a *security score* for Australian government websites. Lastly, Section 6 presents additional vulnerabilities found in the analysed webpages, and Section 7 provides concluding remarks.

2 Background

2.1 The HTTP Protocol

Hyper Text Transfer Protocol (HTTP) is the request-response protocol on which the Web is based. It relies on a client-server interaction model: in a typical interaction, as depicted in Figure 1, the user's web browser acts as the HTTP client, while the machine hosting the website acts as the HTTP server. The client initiates the communication by sending a HTTP request message over a TCP connection established with the server which offers resources related to certain web services. The response of the server contains the completion status information of the corresponding request and its outcome.

HTTP Methods: HTTP servers (typically) listen for incoming requests on port 80 and leverage several methods to provide a given Web service. The most widely used methods are `GET` and `POST`. The former one is used to retrieve a representation of the resource identified by the *Uniform Resource Identifier* (URI) in the request message. The latter one is used when the target resource, on server, processes the request message. The method is typically used when submitting HTML forms or uploading files. We refer readers to [22–27] for details on HTTP and its methods such as `HEAD`, `OPTIONS`, `PUT`, `DELETE`, `TRACE` and `CONNECT`.

HTTP Messages: Generally, an HTTP message consists of the following elements: *(i)* a *request line* in client requests or a *status line* in server responses; *(ii)* a list of HTTP *headers*; and *(iii)* an empty line followed by an optional *message body*. The request line contains the URI of the requested resource and the method used to access it. In response to the request, the status line consists of a status code and a phrase describing the meaning of the code (see Table 1).

Status Code	Example Status Code	Message Type
1xx	100	Informational
2xx	200	Success
3xx	300	Redirection
4xx	400	Client error
5xx	500	Server error

Table 1: List of HTTP status codes issued by a server in response to a client's request.

The server can use HTTP headers to declare the type and the encoding of the delivered resource, to specify caching settings, or to require the enforcement of particular security policies like *Content Security Policy* (CSP) [18] or *HTTP Strict Transport Security* (HSTS) [28].

2.2 The HTTPS Protocol

HTTPS is the secure variant of the HTTP protocol. HTTPS provides cryptographic security protections by carrying HTTP messages over the Transport Layer Security protocol instead of directly over TCP. Websites are authenticated using digital certificates. Specifically, HTTPS employs server authentication mechanisms based on *public key certificates* that are signed by *trusted certificate authorities (CAs)*. In the Web context, browsers can also enforce additional policies for HTTPS pages, for example ensuring that HTTPS pages cannot load scripts from non-secure sources. Together, these mechanisms protect web traffic from network attackers in a few ways:

- *Confidentiality*: Communications between the browser and the web server are not accessible in plaintext to intermediate entities. Hence, HTTPS protects communications against man-in-the-middle attacks such as eavesdropping and interception.
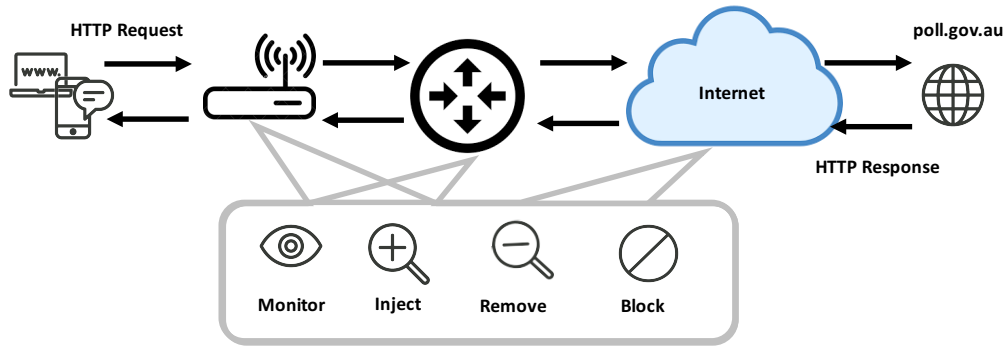
Figure 1: Overview of HTTP based communication between a client and a web server hosting a hypothetical website (`poll.gov.au`). The (*narrow*) arrows show the clear-text communication between client and server. An *active* attacker with network capabilities (i.e., controlling WiFi or in-path network devices) can exploit these vulnerabilities to intercept, block, inject, or manipulate the traffic.

- *Integrity*: Intermediate entities cannot make modifications to content sent between the browser and the web server (*i.e.,* no content manipulation/tempering).

- *Server authentication*: The client is assured that the other end of the channel is the one that it intends to communicate with.
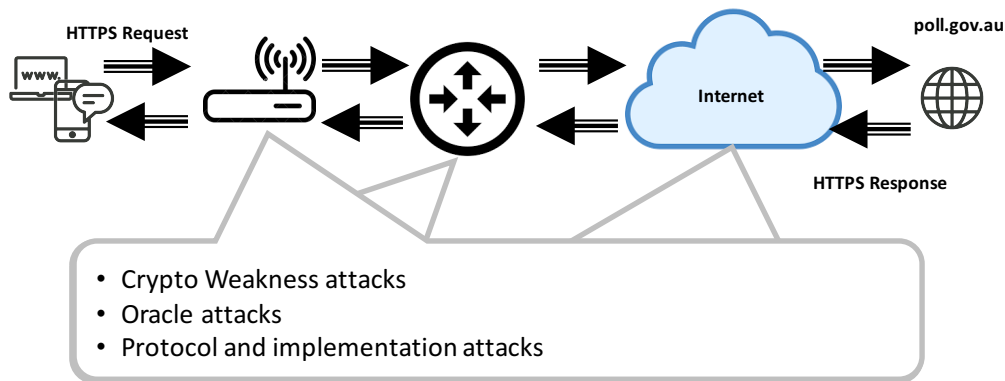

Figure 2: Overview of HTTPS-based communication between a client and a web-server. The *bold* arrows show the encrypted communication between client and server. We provide further details on different classes of HTTPS' vulnerabilities in Section 5.2 and in Appendix A.

In the following, we briefly discuss key components that guarantee HTTPS security.

Public Key Certificates: To activate HTTPS support on a web server, first the administrator must create and sign a public key certificate[2] for the server. A typical certificate contains include: *(i)* the subject identified by the certificate, e. g. the server hostname, and its public key; *(ii)* various attributes listing possible uses of the certificate, e. g. whether it can be used to sign other certificates *(iii)* the issuer and its signature; and *(iv)* the validity period.

For a typical HTTPS-based website, the signature can be placed either by a trusted certificate authority[3] or by the website's administrator, using the private key of its own certificate authority. The two approaches are equivalent from a security perspective, but they differ in the effort required to use HTTPS in a secure way: *(i)* in the former case, legitimate certificates can be validated out-of-the-box, since operating systems (and browsers) come with root-store containing a list of root certificates of well-known CAs; *(ii)* in the latter case, the user must manually install the CA certificate in the browser or operating system root-store before visiting the website.

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[2]A digital certificate is an electronic document which ensures that the key it encloses belongs to the subject to which the certificate was issued.

[3]A certificate authority (CA) is an entity that issues digital certificates. A commercial CA is a company that issues to its customers certificates for domains they possess, upon identity verification.

A certificate can be signed with a CA's *root certificate* or, more commonly, using a *intermediate certificate*. The path from the end-entity certificate up to the root CA defines the chain of trust of the certificate.

HTTPS Configuration and Setup: For every resource requested over HTTPS, the clients (e.g., web browsers, mobile apps) need to negotiate a secure TLS (Transport Layer Security) tunnel by following a *handshake* protocol. In this protocol, client and server agree on the TLS protocol version and the *cipher suite*[4] to use and establish a "master secret" to generate session keys for traffic encryption. The creation of the master secret as well as the server authentication rely on the SSL certificate of the server, which is downloaded and validated by the client during the handshake. The validation process involves several checks: *(i)* the hostname of the server must match the one reported in the certificate; *(ii)* the signature of each certificate (except the last) must be correctly verified using the public key of the next certificate in the chain; *(iii)* the attributes for certificate signing must be checked in intermediate certificates; *(iv)* none of the certificates in the trust chain is expired or revoked[5]; and *(v)* the trust anchor in the trust chain (*i.e.,* the root CA certificate) must be known to the client.

3 Dataset and Analysis Methodology

In this Section, we describe the different sets of Australian government websites considered in this study, and we provide an overview of the analysis methodology.

3.1 Dataset

Australian federal government websites (2018-2020): We retrieve the A-Z list of Australian federal government websites from the Australian government Directory [2]. From the directory, we collected 937 websites covering government sectors such as defence, health, welfare, embassies, education. Each website in the list is represented as a (Unique Name, Department, URL) tuple. From this list, we removed all URLs that do not include .gov.au[6]. We finally obtain 827 unique URLs, on which we performed experiments in three time frames: September 2018, November 2019 and August 2020.

The 827 unique URLs belong to 265 registered Australian government organisations (e.g., departments, agencies, offices, entities). In Table 2, we detail the top-20 federal organisations based on the number of websites found. In the table, we also provide an indication of the (aggregate) website "audience" based on Alexa [7] popularity ranking, where the lower the website rank, the higher the website popularity in Australia. We report the full list of Australian federal government URLs in Table 19 (see Appendix D).

Australian state/territory government websites (2020): Similarly, we access all relevant State/Territory government website lists from the corresponding government directories [1–3, 9, 10, 12, 14, 16, 17]. For example, we retrieve the A-Z list of New South Wales departments/agencies from https://www.service.nsw.gov.au/nswgovdirectory/atoz. Table 3 reports, for each Australian state/territory, the number of websites retrieved from public directories.

Overall, we collected 1248 unique URLs and, as in the case of the federal government websites, we removed all URLs that do not belong to the .gov.au domain. We finally obtain 1035 unique URLs, of which 472 refer to the Victorian government websites and 205 to New South Wales ones. To quantify the website "audience", we rely again on the Alexa [7] popularity ranking metric – the lower the rank, the more the website popularity in Australia. All experiments on Australian state/territory government websites were performed in August 2020.

3.2 Analysis Methodology

Our methodology comprises three main steps:

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[4]A cipher suite specifies: *(1)* a key exchange algorithm, used to determine how client and server authenticate during the handshake (RSA, Diffie-Hellman, ECDH); *(2)* a bulk encryption algorithm, used to encrypt the message stream (AES, 3DES, RC4); *(3)* a message code authentication algorithm, used to create the message digest needed to verify traffic integrity (HMAC using MD5 or SHA hash functions); *(4)* a pseudorandom function, used to generate the master secret shared between client and server.

[5]A certificate may be revoked if the corresponding private key is leaked. Certain browsers and smartphones employ different techniques to perform these checks, e. g. revocation lists (CRL) or the Online Certificate Status Protocol (OCSP) [33]

[6]We consider a website to be "government owned" if the website URL belongs to the .gov.au top-level domain.

Federal Government Department/Organisation	# URLs	# Hostnames	Median Alexa Rank
Department of Foreign Affairs and Trade	101	100	4017
Department of Health	34	33	172
Department of Defence	33	26	641
Department of Industry, Innovation and Science	29	28	107
Department of Veterans' Affairs	23	22	2396
Department of Education and Training	23	23	961
Museum of Australian Democracy at Old Parliament House	22	22	22256
Department of the Environment and Energy	22	20	2165
Attorney-General's Department	18	18	4754
Department of Social Services	18	18	2488
Department of Infrastructure, Regional Development and Cities	15	15	6127
Australian Health Practitioner Regulation Agency	15	15	6753
Department of the Prime Minister and Cabinet	14	13	8041
National Archives of Australia	14	14	12369
Australian Human Rights Commission	12	12	1548
Department of Agriculture and Water Resources	12	10	2516
Department of Finance	9	9	14588
Bureau of Meteorology	8	8	72
Commonwealth Superannuation Corporation	8	8	7004
Geoscience Australia	8	8	6124
Total (all federal government organisations)	827	796	4017

Table 2: Australian federal government webpages: number of unique URLs and unique hostnames by department, and aggregate popularity score for websites of each department. The table reports the top-20 departments based on number of unique URLs found. To measure the website popularity, we use Alexa [7] ranking of most popular websites in Australia (e.g., $Rank = 1$ corresponds to the most popular website (i.e., https://google.com) in Australia based on Alexa ranking).

Australian State/Territory Government	# URLs	# Hostnames	Median Alexa Rank
Victoria	472	199	128
New South Wales	205	159	27
Tasmania	165	76	8904
Western Australia	90	87	616
Northern Territory	45	38	913
Southern Australia	26	26	2935
Queensland	22	21	467
Australian Capital Territory	10	10	653
Total (all Australian states/territories)	1035	616	913

Table 3: Australian state/territory government webpages: number of unique URLs and unique hostnames by state/territory, and aggregate popularity score for websites of each state/territory.

1) Assessing the adoption of HTTPS: First, we assess the extent to which Australian government institutions adopt HTTPS for their Web services. The use of HTTPS is important today for practically every web request [6] due to the wide range of threats Internet users may face, which spans from malicious access to user login and financial credentials, to advertisement injection or the insertion of attack code in the webpage content. It is important to notice that even when no sensitive data is being transmitted to the service (by the users), HTTPS adoption is critical for preserving content integrity and avoid tampering[7]. As a result, regulators have been strongly encouraging the use of HTTPS for all kind of web service [4] [15]. In Section 4, we take stock of the current deployment of HTTPS by Australian government websites, and we characterise the progresses made towards a full HTTPS adoption during the 2018–2020 period.

2) Analysing SSL/TLS web server security: While HTTPS introduces clear advantages on data protection and integrity, the use of HTTPS security protocols (*i.e.*, SSL/TLS), poses a few practical challenges to website administrators:

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[7]https://doesmysiteneedhttps.com/

1. SSL/TLS protocols can be difficult to debug and configure;

2. it is often hard for non-tech-savvy users to understand the various HTTPS security parameters and their implications, *e.g.,* warnings on SSL/TLS certificate expiration/invalidity;

3. ensuring extended-validity of SSL/TLS certificates for large organizations offering a range of web resources (e.g., Australian Department of Health) bear possibly significant costs of maintenance.

In Section 5, we evaluate the security of HTTPS server configurations for the Australian government websites and we illustrate the security risks deriving from the partial adoption of SSL/TLS best-practices. To thoroughly test the configuration of HTTPS Australian government websites,

- we evaluate the cryptographic mechanisms used by the websites as well as the strength of cryptographic keys;

- we check the use of vulnerable and outdated TLS/SSL software libraries;

- we measure the weaknesses in the adopted security protocol, and the missing support of most recent security protocols;

- we evaluate the trust of the certificates authenticating the server identities.

3) Additional analysis of website resource loading: Loading a webpage requires the retrieval of a number of resources of different nature, which may have heterogeneous provenances and operate based on complex (and dynamic) interactions. Therefore, it is important to ensure that no threat or vulnerability hides behind the webpage resources. In Section 6, we perform additional tests on the Australian government websites, focusing on the inclusion of outdated and vulnerable JavaScript code in the webpages and on the presence of weak links in the chains of downloaded resources.

4   HTTPS Adoption by Australian Government Websites

The adoption of HTTPS is an essential requirement for providing communication confidentiality, content integrity and server authentication. The use of HTTPS (regardless of the content on the site) has been also strongly encouraged in the Australian Government Information Security Manual (ISM) [4] as well as in the Strategies to Mitigate Cyber Security Incidents [15]. In this section, we illustrate the adoption of HTTPS by Australian government websites, for both the federal organisations and state/territory ones. In addition, we illustrate the main *certificate authorities* (CAs) used over the last three years to authenticate the web server identities.

Methodology: To assess the use of HTTPS in the websites, we load each unique URL in the dataset(s), and we tag it as (i) *HTTP* if the website uses plaintext HTTP, (ii) *HTTPS (listed)* if the website is HTTPS and it is listed as HTTPS in the online government directories (*i.e.,* website is listed as https://..), (iii) *HTTPS (redirection)* if the website is listed as HTTP (*i.e.,* as http://) but the user is automatically redirected (via 301 or 302 HTTP response status) to a HTTPS website (*e.g.,* from http://www.abc.net.au to https://www.abc.net.au).

4.1   HTTPS Adoption by Australian Federal Government Websites

At first, we measure the adoption of HTTPS in Australian federal government websites. The results are shown in Figure 3, which reports the fractions of HTTP, HTTPS(listed) and HTTPS(redirection) URLs measured in September 2018, November 2019 and August 2020.

Results: HTTPS adoption by federal government websites (2018-2020) As shown by Figure 3, there has been a substantial increase in the adoption of HTTPS between 2018 and 2019, with the fraction of HTTPS websites rising from 36% to 78%. We noticed that most of the federal government websites that were in plaintext HTTP in 2018 have started redirecting users to HTTPS websites since 2019. The HTTPS ratio has also been increasing over the last year: in August 2020, almost 86% of federal government websites were using HTTPS.

4.2   HTTPS Adoption by Federal Government Departments
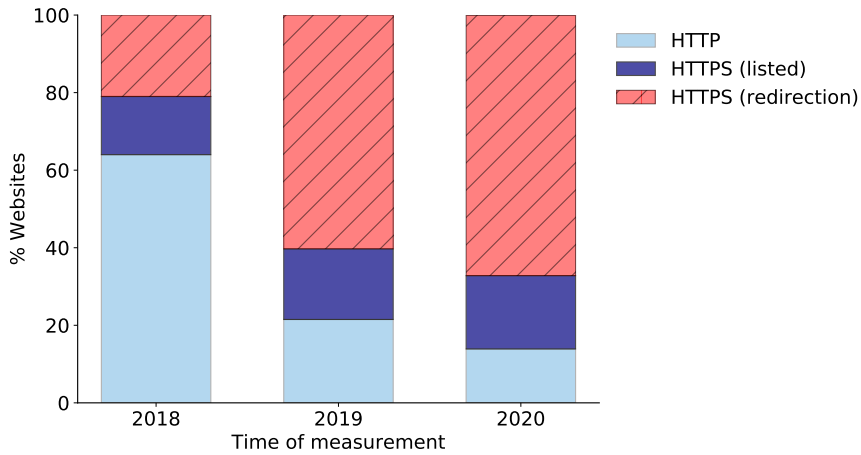
Figure 3: The use of HTTP and HTTPS protocol by Australian federal government websites. Between 2018 and 2020, the fraction of HTTPS websites has increased from 36% to 86%.

For a closer look on HTTPS adoption by different Australian federal institutions, we report the use of HTTPS for the top-10 departments based on highest number of websites. As in the previous case, we present a three-years view on HTTPS adoption, from 2018 to 2020.
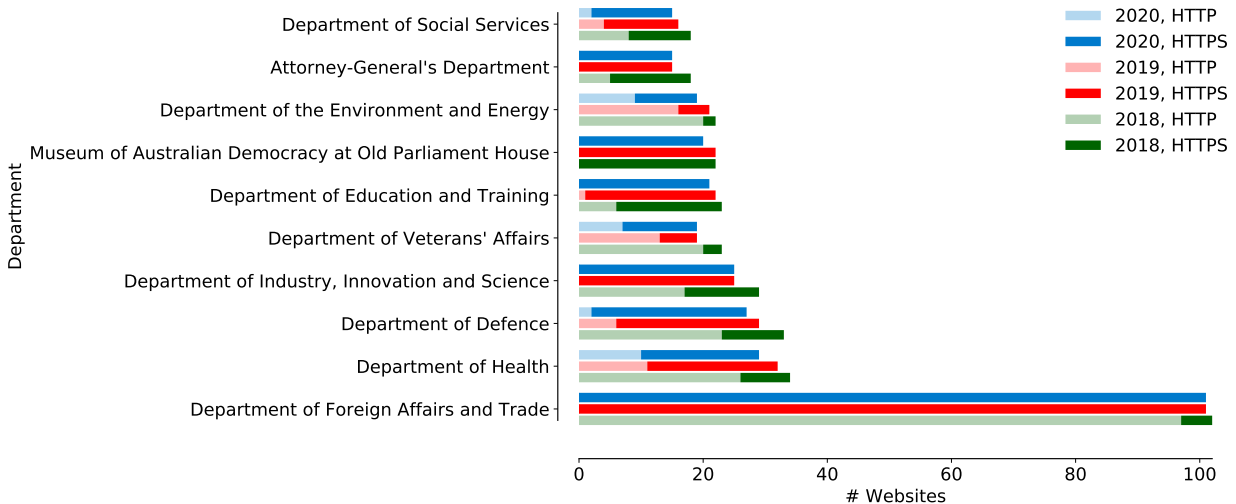
Figure 4: HTTP/HTTPS ratios for the 10 government departments with the highest number of listed websites.

Results: HTTPS adoption by different federal departments (2018-2020) Figure 4 reports the number of HTTP websites and HTTPS (listed + redirection) websites measured in 2018, 2019 and 2020. We notice that some departments are now exclusively using HTTPS. For example, the Department of Foreign Affairs and Trade went from using HTTPS only in 4.9% of websites in 2018 to the full HTTPS adoption in 2020. Similarly, the Department of Industry, Innovation and Science improved from 41.4% HTTPS websites in 2018 to 100% HTTPS ratio in 2020. Other departments are still far from adopting HTTPS for all their web resources. These include the Department of Health (34.5% websites were still HTTP in August 2020), and the Department of Environment and Energy (47.4% HTTP websites in 2020).

4.3 Regional Disparities in the Adoption of HTTPS

In addition to HTTPS adoption across different federal government departments, we consider the use of HTTPS by the organisations (agencies, departments, entities) belonging to Australian state and territory governments. Below, we present our results obtained in August 2020.
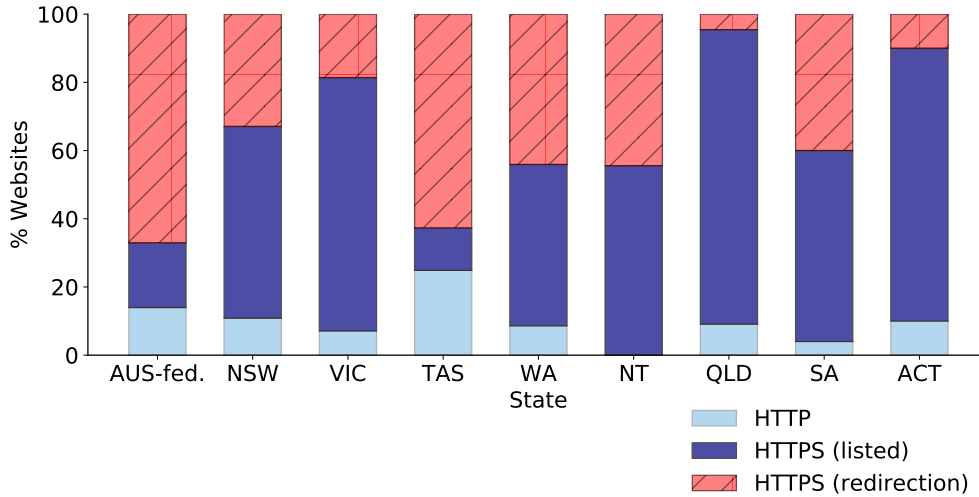
Figure 5: HTTP/HTTPS ratios for government websites of different states/territories. *AUS-fed.* indicates the Australian federal government.

Results: HTTPS adoption by different Australian states and territories (2020) Figure 5 shows the percentage of HTTP, HTTPS(listed) and HTTPS(redirection) websites by state/territory. For reference, we have also included the results for Australian federal government (*AUS-fed.*). The results show that while for all states/territories the majority of websites are now HTTPS enabled, the states/territories are in different positions towards the full HTTPS adoption. For example, we observe 100% HTTPS ratio for Northern Territory and "only" 75% for Tasmanian government websites.

4.4   Choice of the Certificate Authority (CA)

HTTPS websites rely on public key certificates for server authentication. The Certificate Authorities (CAs) are those entities (*e.g.*, companies, organizations) trusted by Web browsers to validate a server's identity by providing a signed certificate that binds the identity to the server's public key. Therefore, CAs (and the CA market) play a fundamental role in the adoption of HTTPS secure protocols.

Different factors contribute to the CA choice, a key one being the certificate cost. An analysis conducted in mid-2019 [6] found that while some CAs are totally free (e.g., from non-profit organizations such as Let's Encrypt), some other CAs may charge up to 400 USD for a single-domain certificate with 1 year validity. Another important factor in the CA choice is the type of validation offered by the CA. For instance, non-profit CAs are unlikely to issue Extended Validation certificates [30], which include the manual verification by the CA of the legal and physical existence of the entity and the exclusive use of the domain by the entity.

Below, we present the main results on the CAs used by Australian federal government websites in 2018, 2019, and 2020. We evaluate what are the most commonly adopted CAs, and we analyse how CA preferences have evolved in the last year, as well as what CAs were chosen by those websites that recently moved to HTTPS.

Results: most popular CAs in Australian federal government websites (2018-2020) Figure 6 shows the fraction of Australian federal government websites for the 10 most used CAs in 2018-2020. Although the top-10 CAs have not changed in the last years, we observe some major changes in CA preferences. CAs such as Entrust, DigiCert and Let's Encrypt have attracted considerably more websites, while others are less adopted today or have been completely abandoned. A notable case is Symantec, whose drop (from 10% in 2018 to 0% in 2019) is due to recently demonstrated certificate weaknesses, which made Symantec certificates distrusted by popular browsers such as Google Chrome and Mozilla Firefox from 2018 [21].

Results: CA transitions in Australian federal government websites (2018-2020) For a deeper view on CA variations, Figure 7 represents the transitions between different CAs from 2018 to 2019 and from 2019 to 2020 in the form of Sankey diagram. This representation highlights two main behaviours. First, a significant fraction of the websites (>35%) have switched to a different CA over one year time. This may be due to opportunities for cost reductions, the (short) life-span of certificates, and certificate revocation problems as the one that affected Symantec CA. Second, those websites that recently transitioned from HTTP to HTTPS are
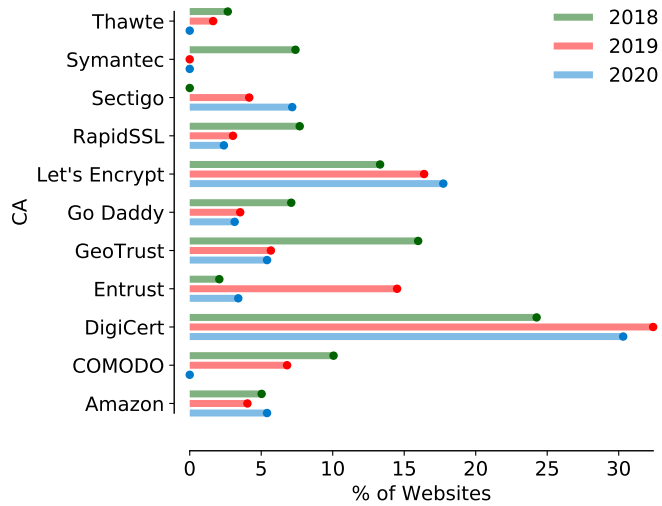
Figure 6: Top-10 Certificate Authorities (CAs) used by Australian federal government websites between 2018 and 2020.

unevenly distributed across CAs, with most of them choosing Digicert, Entrust or Let's Encrypt CA.
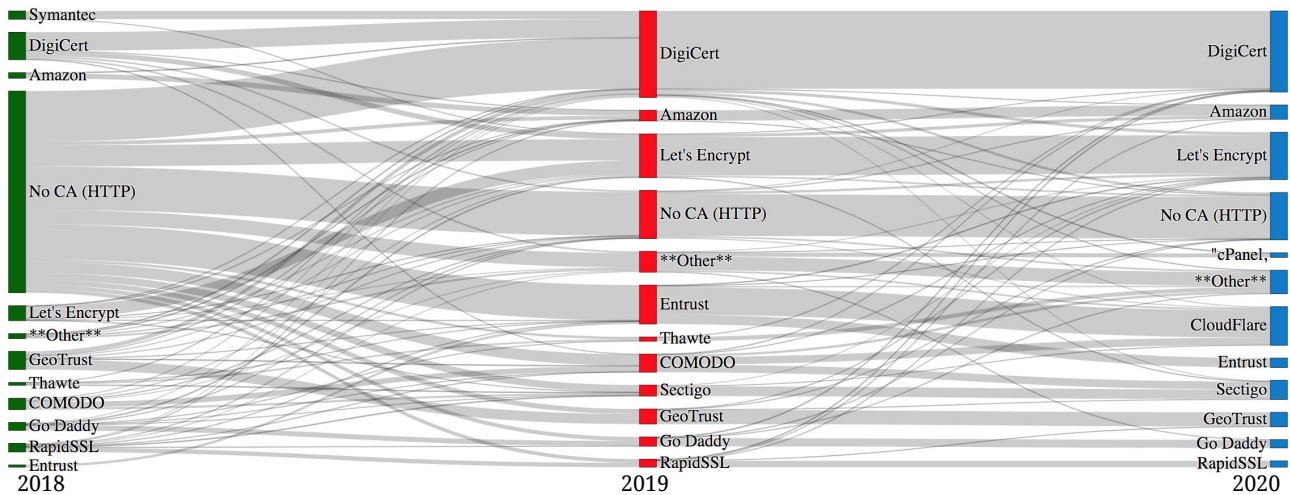
Figure 7: Certificate Authority (CA) transitions of Australian federal government websites from 2018 to 2020.

5   HTTPS Server Security

Data sent using HTTPS is secured via the Transport Layer Security protocol (TLS), introduced in 1999 by the Internet Engineering Task Force (IETF) evolving from the previous encryption protocol, Secure Socket Layer (SSL). SSL/TLS is the de-facto technology for keeping an Internet connection secure and safeguarding any data that is being sent between two systems, preventing cybercriminals from intercepting and modifying any information transferred, including potential personal details or sensitive information.

Despite being a fundamental requirement for Web security, choosing HTTPS (as opposed to plaintext HTTP) is not by itself a guarantee for data protection (Encryption, Authentication and Integrity). Numerous prior studies (e.g., [30], [19], [8]) have demonstrated that the level of security guarantees is tightly linked to the correct and up-to-date configuration of the SSL/TLS protocol on the web servers. A number of security implications (in particular, a larger exposure to man-in-the-middle attacks) often derive from poor setup/choice of the underlying cryptographic protocols, certificate, ciphers, as well on insecure SSL/TLS protocol implementations.

In this section, we report the results of extensive SSL/TLS security audits performed on Australian government

websites in 2018-2020. We first provide a overall security scores to the HTTPS website configurations, then we analyse the main classes of vulnerabilities found in Australian government websites.

Methodology: To test the SSL/TLS configuration of Australian government web servers we rely on Qualys SSL Labs tool [11], accessed through the Server Test API v3. Given a website URL, SSL Labs tests its (i) protocol support, (ii) key exchange support and (iii) cipher support, producing a final security grade between A+ to F, accompanied by a detailed list of all issues/vulnerabilities found [36]. In addition, SSL Labs reports certificate issues such as certificate name mismatch and non-trusted certificate (these result in the special T and S server grades, respectively). For websites served by multiple servers, SSL Labs automatically produces results for any of the web servers used. In this case, we only retain the security information of the lowest-ranked server – being the security bottleneck for that website.

5.1 Overall Rating of Australian Government HTTPS Websites

At first, we rate the Australian government websites[8] based on the overall security scores generated by SSL Labs audits. For clarity, we have mapped the SSL-Lab rating to a 1-5 stars one, which is explained in Table 4.

SSL-Lab Score	Our Rating	Explanation
A+, A, A-	5 stars	Exceptional configuration or strong commercial security
B	4 stars	Adequate security with modern clients, with older and potentially obsolete crypto used with older clients; potentially smaller configuration problems
C	3 stars	Obsolete configuration, uses obsolete crypto with modern clients; potentially bigger configuration problems
D	2 stars	Configuration with security issues that are typically difficult or unlikely to be exploited, but can and should be addressed
E, F, T, S	1 star	Exploitable and/or patchable problems, misconfigured server, insecure protocols, untrusted certificates

Table 4: Overview of our website rating based on HTTPS configuration, and mapping between SSL-Lab scores and our 1-5 stars rating. In addition to A+ to F security grades, SSL-Lab provides two special scores: 'T' indicates that the certificate is not trusted; 'S' indicates that the CA name in the certificate does not match any CAs in certificate root-store. In both cases, it is not possible to correctly validate the server identity, for which we map 'T' and 'S' to 1 Star rating.

Results: Security score of Australian federal government HTTPS website (2018-2020) Figure 8 shows the 1-5 stars scores of Australian federal government websites measured in September 2018, November 2019 and August 2020.

We observe that the portion of websites with the lowest grade (1 Star) has substantially decreased over the last few years: it was 71.2% in September 2018, 30.1% in November 2019 and 3.9% in August 2020. Currently, almost 96% of Australian federal government department websites provide either strong (5 Stars) or adequate (4 Stars) security guarantees.

Results: Security rating of HTTPS websites for different government departments (2018-2020) Figure 9 reports the average security rating of for different Australian federal government departments – we consider the top 10 departments with the highest number of websites. The results show a substantial and generalised improvement of the SSL/TLS server security. For example, the average rating of the departments of Defence, Industry, Environment/Energy, improved from ≈ 2 Stars in 2018 to more than 4 Stars in 2020.

Results: Security rating of HTTPS websites of different Australian states/territories Figure 10 summarises the HTTPS security scores measured in August 2020 for Australian state/territories government websites.

The results show that, for all states/territories, most of government websites (>80%) currently provide strong (5 stars) or adequate (4 stars) security guarantees. However, some differences can be observed across regions,

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[8]We have excluded 7 websites from the list of Australian federal government websites, which yielded errors during the security audits.
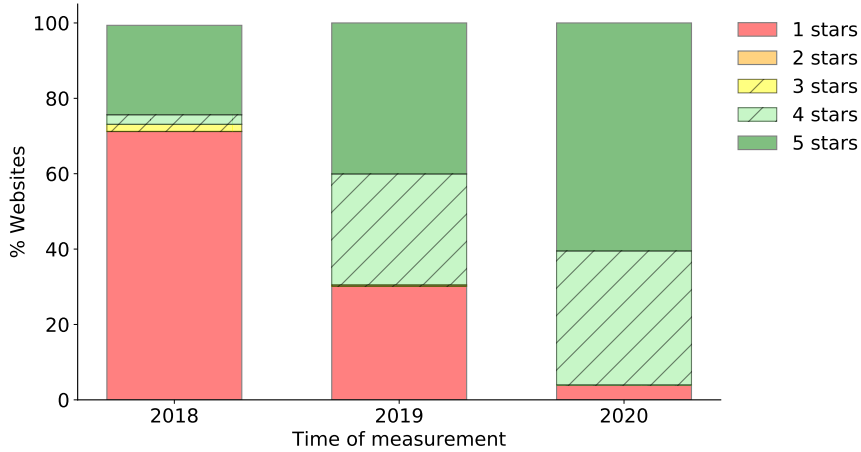
Figure 8: Security rating of websites related to the Australian federal government, evaluated in September 2018, November 2019 and August 2020.
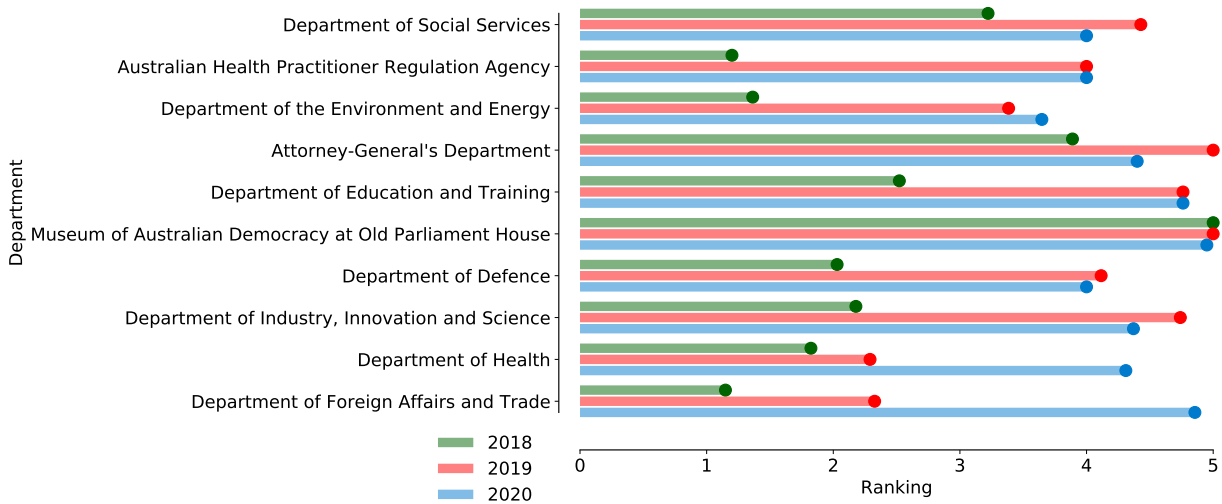
Figure 9: Average security rating (stars) of HTTPS server for the top-10 Australian federal government departments (based on highest number of websites).

especially in terms of fraction of "1-Star" websites. From the bar-plot, the states/territories with the highest fraction of 1-Star websites are Northern Territory (20%), Australian Capital Territory (10%) and New South Wales (9.8%).

5.2 Classes of Vulnerabilities

In addition to the overall score of the HTTPS website, we analyse the full list of security issues and vulnerabilities found in the websites. Here, we provide an overview of the weaknesses that are most recurrent in Australian government websites – more detailed results can be found in Appendix A. Overall, we can group HTTPS server vulnerabilities in the following classes:

- **Weaknesses in cryptographic mechanisms:** This category of attacks is due to the support of outdated cryptographic algorithms (e.g., RC4 and MD5) or weak key lengths (e.g., RSA_EXPORT and DHE_EXPORT, which are intentionally weakened export-grade cipher suites) that enable attackers exploit the underlying TLS protocol by breaking cryptographic methods.

- **Implementation vulnerabilities:** Attackers can exploit vulnerabilities in the employed TLS software libraries (e.g., Open Secure Socket Layer (OpenSSL)). We disregard this category since we found no
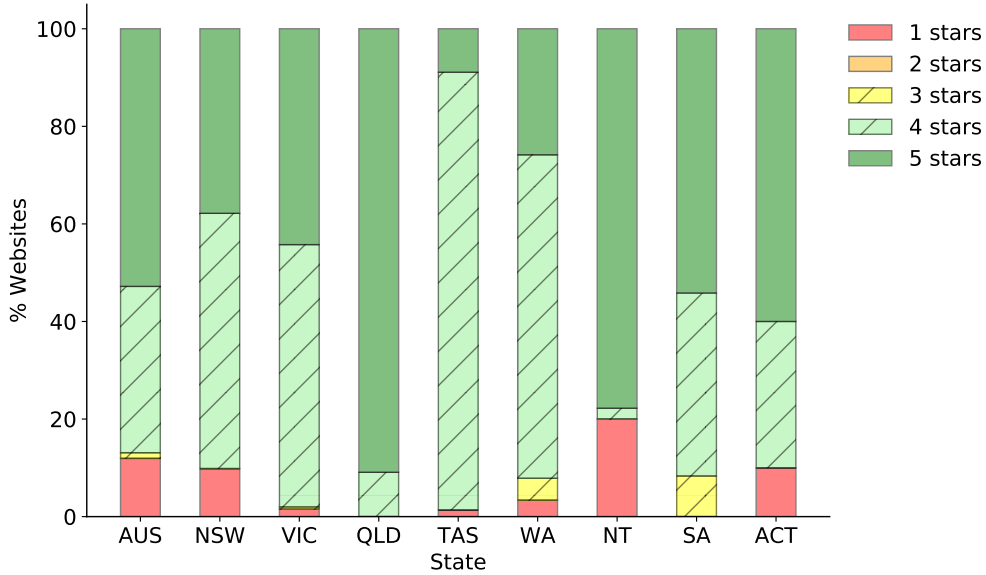
Figure 10: Rating (stars) for government websites of different states/territories based on 2020 results. *AUS-fed.* indicates the Australian federal government results.

implementation vulnerabilities across Australian government websites.

- **Weaknesses in protocol design:** In this category, an attackers can intercept, manipulate and replay the communicated messages to deceive the client or the server into an unintended state, such as deliberately downgrading the protocol version or cipher suite. We include in this category the so-called *oracle* attacks, where the attacker interacts with the victim (i.e., client or server) and derives TLS (the oracle) secret information based on the victim's responses. For example, in POODLE attack [32], the attacker can intelligently recover each plaintext byte in 256 guesses by observing whether the server sees a correct padding or not.

- **Client-based:** This family only includes the BEAST attack, a well known vulnerability of web browsers, which allows the attacker to recover small pieces of plaintext data by taking guesses and checking if these are right or wrong. Most modern browsers provide client-side mitigation to BEAST. However, it is important to assess whether the TLS/SSL web servers provide server-side mitigation, as some older browsers (*e.g.,* old versions of Opera, minor browsers, etc.) might not mitigate BEAST. Following this rationale, SSL Lab automatically downgrades [36] from A to B ranking those good TLS/SSL server configurations that do not include BEAST mitigation.

- **Certificate trust**: In this category, the website certificates cannot be validated, for example because they are self-signed or issued from a private CA (Certificate Authority) root.

Results: vulnerability classes in Australian federal government websites (2018-2020) Figure 11 shows the total number and the contributions of vulnerabilities for the different classes. The total number of vulnerabilities has increased from 2018 to 2019, mainly as a result of increasing adoption of HTTPS: more websites were HTTPS-enabled in 2019, but many of them were not fully compliant with SSL/TLS best practices. The reduction of total vulnerabilities between 2019 and 2020 indicates a recent improvement of SSL/TLS configurations. Looking at the fractions of vulnerabilities of different classes, we find that most weaknesses refer to (*i*) cryptographic mechanisms (33.7% vulnerabilities in 2020), and (*ii*) missing mitigation of client-based issues (e.g., BEAST) (38.3% vulnerabilities in 2020).

Results: vulnerability classes in Australian state/territory government websites (2020) Figure 12 illustrates the vulnerabilities found for the different classes of weaknesses and across different states/territories. Note that the total vulnerability counts in Figure 12a depend on the number of analysed URLs (e.g., 205 for NSW and only 10 for ACT, based on Table 3). However, some states/territories exhibit a high number of vulnerabilities relatively to the number of websites. In particular, we have measured the highest number of vulnerabilities *per website* in the Tasmania government set (2.3 vulnerabilities per URL), followed by Western Australia (1.3 vulnerabilities per URL).
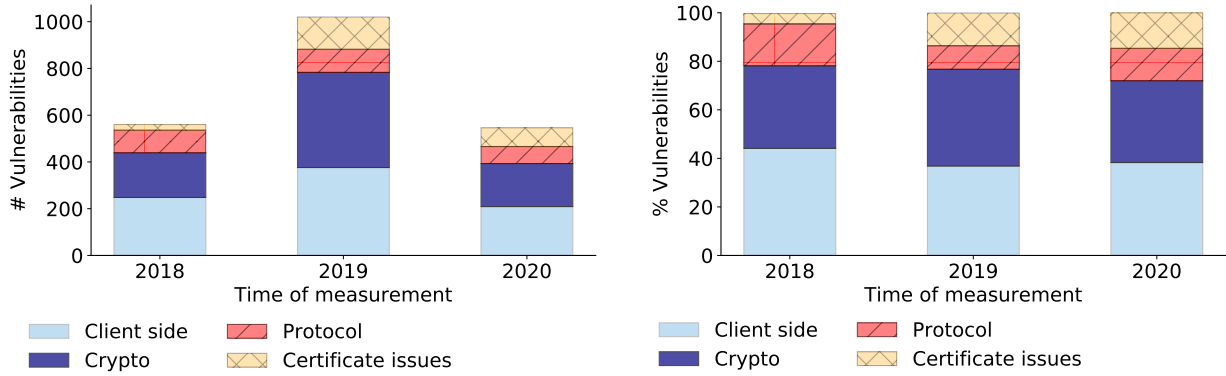
(a) Number of vulnerabilities of different classes.

(b) % of vulnerabilities of different classes.

Figure 11: HTTPS server security issues/vulnerabilities in Australian federal government websites (2018-2020)

Concerning of percentages of vulnerabilities for different classes (Figure 12b), the results present a diversified scenario. In some cases, e.g., for Queensland and ACT government websites, most of the vulnerabilities (100% for Queensland, 67% for ACT) refer to the missing server-side mitigation of client issues (e.g., BEAST). In other cases, like Tasmania, we observe a more significant presence of cryptographic weaknesses (51.9% of detected vulnerabilities).
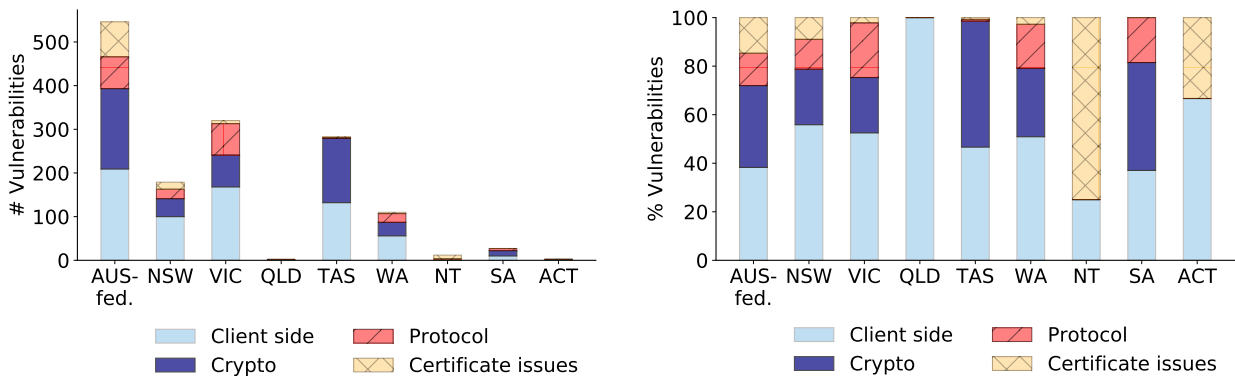
(a) Number of vulnerabilities for different classes.

(b) % of vulnerabilities for different classes.

Figure 12: Overview of the classes of HTTPS server vulnerabilities/weaknesses found in government websites of different Australian states/territories. For reference, we also include the results for Australian federal government websites (AUS).

6 Additional Analysis of Australian Government Webpages

In this section, we present additional security issues found in Australian government webpages, specifically the presence of HTTP contents in the downloaded resources of HTTPS websites, and the inclusion of outdated and vulnerable JavaScript libraries in the webpage code.

6.1 Mixed Contents

When a user visits a page served over HTTPS, their connection with the web server is encrypted with TLS and is therefore safeguarded from most sniffers and man-in-the-middle attacks. An HTTPS page that includes

content fetched using cleartext HTTP is called a mixed content page. Pages like this are only partially encrypted, leaving the unencrypted content accessible to sniffers and man-in-the-middle attackers. There are two classes for mixed content: (i) *mixed passive/display content* (e.g., images) and (ii) *mixed active content* (e.g., JavaScript codes). The difference lies in the threat level of the worst case scenario if content is rewritten as part of a man-in-the-middle attack. In the case of passive content, the threat is lower (the page may contain misleading content, or the user's cookies may be stolen). In the case of active content, the threat can lead to phishing, sensitive data disclosure, redirection to malicious sites, etc.

Note: Recent web browsers have started blocking mixed contents by default, e.g., Chrome blocks both active and passive mixed contents since early 2020. However, the presence of mixed contents in the webpages still poses security issues as (*i*) not all browsers completely block mixed contents (e.g., Mozilla Firefox still allows passive mixed contents[9]), and (*ii*) mixed contents are not blocked by default in less recent browser versions (before 2020).

State	% Websites with mixed contents	# Mixed Contents	# Active Contents	# Passive Contents	Originated by:	
					1st Party	3rd Party
AUS-fed.	4.02	95	7	88	93	2
NSW	1.54	8	3	5	4	1
VIC	9.62	53	0	53	53	0
QLD	0	0	0	0	0	0
TAS	0	0	0	0	0	0
SA	3.6	2	0	2	2	0
WA	3.85	9	1	8	6	3
TAS	0	0	0	0	0	0
NT	5.9	3	0	3	3	0
ACT	0	0	0	0	0	0

Table 5: Overview of mixed contents found in Australian government websites. *AUS-fed.* indicates Australian federal government websites.

Results: mixed contents in Australian government websites (2020): Table 5 summarises the mixed contents found in Australian government websites, both for federal and state/territory governments. The Table reports the number of passive and active mixed contents, as well as the *party* originating the download (*i.e.*, 1st party if the mixed content download was directly triggered by the webpage, 3rd party if it was requested by external services used by the websites, such as ads, analytics, widgets). Overall, we detect 170 mixed contents, of which 159 are passive (thus, less dangerous). The highest presence of mixed contents is in Victoria government websites (9.62% webpages include mixed content downloads) and in Northern Territory government websites (5.9%). Almost the totality of downloaded mixed contents are directly triggered by the website, while only 6 mixed contents are loaded by 3rd party services used in the webpage.

6.2 Vulnerable Front-End JavaScript Libraries

Web developers routinely rely on third-party JavaScript libraries such as *jQuery* to enhance the functionality of their sites. However, if not properly maintained, such dependencies can create attack vectors allowing a site to be compromised [31]. Nonetheless, intruders have automated web crawlers that can scan a website for known front-end library security vulnerabilities.

For each Australian government website, we extract the list of front-end JavaScript libraries used in the webpage (library names and versions). Then, we interrogate the snyk.io [13] database for known library vulnerabilities. This database provides, for each known vulnerability, a severity score based on the Common Vulnerability Scoring System (CVSS) standard [5].

Results: JavaScript library vulnerabilities in Australian government websites (2020): Considering the total set of Australian government websites (federal government and state/territory ones), we detected 2004 instances of vulnerable libraries across 1862 websites. Table 6 reports the presence of JavaScript vulnerabilities in websites of different state/territory governments. We find that, for all website sets in the Table, the majority of webpages (>57%) include at least one vulnerable library. Most vulnerabilities come with old versions of popular libraries such as *jQuery* (for example, more than 33% of Australian government websites use old versions 1.4.4 - 1.12.4, while the latest version is 3.4.1), *jQuery UI* (vulnerable library versions detected in 10% of websites) and *Bootstrap* (5.5% of government websites with outdated library versions). In Appendix B, we

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[9]https://developer.mozilla.org/en-US/docs/Web/Security/Mixed_content/How_to_fix_website_with_mixed_content

State	% websites with N vulnerabilities				
	$N = 0$	$0 < N \leq 2$	$2 < N \leq 5$	$5 < N \leq 10$	$N > 10$
AUS	43.2	19.8	19.5	14.8	2.49
NSW	40.9	17.7	22.7	16.9	1.54
VIC	48.5	26.1	15.9	7.96	1.48
QLD	9.09	50.0	22.7	18.1	0.0
TAS	24.3	42.5	26.5	6.62	0.0
SA	25.0	57.1	14.2	3.57	0.0
WA	40.0	28.4	20.0	11.5	0.0
NT	33.3	47.0	15.6	3.92	0.0
ACT	36.3	9.09	45.4	9.09	0.0

Table 6: Number of JavaScript front-end vulnerabilities found in government websites of different states/regions. *AUS-fed.* indicates Australian federal government.

provide further details on the main vulnerable JavaScript libraries found in Australian government websites and the corresponding levels of severity.

7 Concluding Remarks

Our analysis leveraged extensive security audits, performed between September 2018 and August 2020, which evaluated the adoption of HTTPS protocol by 1862 Australian government websites, the server configurations of HTTPS websites, and additional vulnerabilities in downloaded webpage content. Our analysis has shown that the security practices of Australian government websites have significantly improved since September 2018 – more than 80% of analysed websites now adopt HTTPS, and almost 90% of HTTPS websites currently provide strong or adequate security. However, our results have also revealed several gaps and pitfalls in the security of Australian government websites:

- *First*, almost 15% of analysed websites still use plaintext HTTP, hence they do not protect users from network attacks (e.g., man in the middle). Even for websites that do not deal with sensitive information, using HTTPS is essential to preserve content integrity and avoid tampering.

- *Second*, a non-negligible portion of all analysed HTTPS websites (3.9% for federal government and 7.4% for state/territory governments) present insecure server configurations, due to weaknesses in cryptographic mechanisms (e.g., use of weak or sub-optimal ciphers), support of vulnerable protocols (e.g., SSL3), or "untrusted" certificates (i.e., not allowing for a correct validation of server identity). All these episodes can potentially place client information at risk of being intercepted and obtained by a malicious agent (despite the use of HTTPS).

- *Third*, most of analysed websites include vulnerable contents in the webpages. In particular, 57% of Australian federal government webpages embed at least one outdated JavaScript library with known vulnerabilities. These issues could expose users to several threats, especially Cross-Site Scripting (XSS), in which remote attackers exploit the known vulnerabilities to inject arbitrary script/code in the webpage.

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A In-depth Analysis of SSL/TLS Server Vulnerabilities

A summary of the vulnerabilities found in HTTPS website audits is reported in Table 7 (for Australian federal government websites, measured over 2018-2020) and in Table 8 (for Australian state/territory governments, based on 2020 results).

Table 7: SSL/TLS server vulnerabilities found in Australian federal government websites (2018-2020). For each vulnerability, we report the number of occurrences (#), the percentage over the total vulnerabilities found (%v), and the fraction of websites including the vulnerability (%w).

Vulnerability	2018			2019			2020		
	#	%v	%w	#	%v	%w	#	%v	%w
Client-based:									
BEAST	248	46.4	29.9	376	39.2	54.0	209	41.0	30
Weaknesses in cryptographic mechanisms:									
64-bit block cipher with modern protocol	83	15.5	10	239	24.9	34.3	104	20.4	14.9
RC4 supported	38	7.11	4.58	56	5.84	8	24	4.71	3.45
FREAK	1	0.18	0.12	1	0.10	0.14	1	0.19	0.14
LOGJAM	1	0.18	0.12	0	0.0	0.0	0	0.0	0.0
Insecure anonymous suites	37	6.92	4.46	56	5.84	8.04	24	4.71	3.45
Bleichenbacher (ROBOT)	12	2.24	1.44	1	0.10	0.14	1	0.19	0.14
Weaknesses in protocol design:									
Forward secrecy not supported	52	9.73	6.28	62	6.47	8.9	49	9.62	7.05
Supports SSL3	24	4.49	2.89	13	1.35	1.86	8	1.57	1.15
POODLE	8	1.49	0.96	8	0.83	1.14	4	0.78	0.57
Insecure renegotiation	3	0.56	0.36	5	0.52	0.71	2	0.39	0.28
Supports SSL 2	2	0.24	0.37	2	0.2	0.28	2	0.39	0.28
POODLE TLS	1	0.18	0.12	1	0.10	0.14	1	0.19	0.14
Certificate trust:									
Certificate not trusted	n.d	n.d.	n.d.	138	14.4	19.8	80	15.7	11.5
Symantec certificate	24	4.49	2.89	0	0.0	0.0	0	0.0	0.0

Table 8: Number of SSL/TLS server vulnerabilities found in Australian state/territory government websites (2020). In parenthesis, we have annotated the number of analysed URLs in each set (from Table 3). *AUS-fed.* indicates Australian federal government websites.

Vulnerability	AUS-fed. (827)	NSW (205)	VIC (472)	QLD (22)	TAS (165)	WA (90)	NT (45)	SA (26)	ACT (10)
Client-based:									
BEAST	209	100	168	2	132	56	3	10	2
Weaknesses in cryptographic mechanisms:									
64-bit block cipher with modern protocol	104	36	35	0	39	12	0	3	0
RC4 supported	24	2	6	0	36	7	0	3	0
FREAK	1	0	0	0	0	0	0	0	0
Insecure anonymous suites	24	2	6	0	36	7	0	3	0
Bleichenbacher (ROBOT)	1	0	0	0	0	0	0	0	0
Weaknesses in protocol design:									
Forward secrecy not supported	49	12	69	0	2	12	0	1	0
Supports SSL3	8	2	1	0	0	4	0	2	0
POODLE	4	0	7	0	0	5	0	2	0
Insecure renegotiation	2	6	1	0	0	0	0	0	0
Supports SSL 2	0	0	0	0	0	0	0	0	0
POODLE TLS	1	2	0	0	0	0	0	0	0
Certificate trust:									
Certificate not trusted	80	16	7	0	2	3	9	0	1

SSL server vulnerabilities explained: Below, we describe the main SSL server configuration issues/vulnerabilities found in Australian government websites and reported in Table 7 and Table 8.

- *POODLE:* The POODLE is a form of a man-in-the-middle attack that exploits the vulnerability in the CBC encryption scheme as implemented in the SSL 3.0 protocol. Though POODLE is not as serious as the Heartbleed vulnerability (https://heartbleed.com/), best practices recommend to discover and mitigate the problem as quickly as possible.

- *POODLE TLS:* New versions of the POODLE (SSL) vulnerability were discovered like Zombie POODLE, GOLDENDOODLE, 0-Length OpenSSL and Sleeping POODLE. These new POODLE vulnerabilities were found on sites using the TLS 1.0, TLS 1.1, and TLS 1.2 protocols with the Cipher Block Chaining (CBC) block cipher modes enabled. Best practices recommend to enable the TLS 1.3 protocol.

- *64-bit block ciphers* [20]: The security of a block cipher is often reduced to the key size k: the best attack should be the exhaustive search of the key, with complexity 2^k. However, the block size n is also an important security parameter, defining the amount of data that can be encrypted under the same key. This is particularly important when using common modes of operation: we require block ciphers to be secure with up to 2^n queries, but most modes of operation (e.g. CBC, CTR, GCM, OCB, etc.) are unsafe with more than $2^{n/2}$ blocks of message (the so-called birthday bound). In particular, when these many blocks are encrypted under a key in CBC mode, the probability of collisions between two ciphertext blocks becomes significant, and each ciphertext collision reveals the XOR of the two corresponding plaintext blocks from the stream. Consequently, if the attacker can guess one of the plaintext blocks, the attacker can recover the plaintext in the other block.

- *Insecure renegotiation:* The problem is with the renegotiation feature, which allows one part of an encrypted connection (the one taking place before renegotiation) to be controlled by one party with the other part (the one taking place after renegotiation) to be controlled by another. A man-in-the-middle attacker can open a connection to an SSL server, send some data, request renegotiation and, from that point on, continue to forward to the SSL server the data coming from a genuine user. One could argue that this is not a fault in the protocols, but it is certainly a severe usability issue. The protocols do not ensure continuity before and after negotiation. To make things worse, web servers will combine the data they receive prior to renegotiation (which is coming from an attacker) with the data they receive after renegotiation (which is coming from a victim).

- *Support SSL2:* SSLv2 has several flaws. For example, your secure traffic can be observed when you have established it over SSLv2. Attackers can perform man-in-the-middle attacks and observe the encryption traffic between your website and its visitors. Also an attacker can exploit vulnerabilities like DROWN (https://drownattack.com/).

- *Support SSL3:* It has been discovered that SSL 3.0 protocol has a flaw in its design that makes it vulnerable to man-in-the-middle attacks. If you have a public facing website dealing with payments, you should immediately discover all servers that exploit SSL 3.0 and upgrade to TLS version 1.3.

- *Forward secrecy not supported:* During the initial SSL/TLS handshake, information regarding the ability of the browser and server are exchanged, validation occurs, and a session key that meets both the browser's and server's criteria is created. Once the session key is created, the rest of the conversation between the end user and your site is encrypted and thus secured. Historically, the most common method for negotiating the session key involved the RSA public-key cryptosystem. The RSA approach uses the server's public key to protect the session key parameters created by the browser once they are sent the server. The server is able to decrypt this handshake with its corresponding private key. The RSA key exchange mechanism creates a link between the server's key pair and the session key created for each unique secure session. Thus, if an attacker is ever able to get hold of the server's private key, they can decrypt the SSL session and any saved SSL sessions. In contrast, when enabling Perfect Forward Secrecy (PFS), there is no link between the server's private key and each session key. If an attacker ever gets access to your server's private key, the attacker cannot use the private key to decrypt any of archived sessions.

- *LOGJAM attack against the TLS protocol:* The Logjam attack allows a man-in-the-middle attacker to downgrade vulnerable TLS connections to 512-bit export-grade cryptography. This allows the attacker to read and modify any data passed over the connection. The attack is reminiscent of the FREAK attack, but is due to a flaw in the TLS protocol rather than an implementation vulnerability, and attacks a Diffie-Hellman key exchange rather than an RSA key exchange. The attack affects any server that supports DHE_EXPORT ciphers.

- *FREAK ("Factoring RSA Export Keys"):* FREAK is a security exploit of a cryptographic weakness in the SSL/TLS protocols introduced decades earlier for compliance with U.S. cryptography export regulations. These involved limiting exportable software to use only public key pairs with RSA moduli of 512 bits or less (so-called RSA_EXPORT keys), with the intention of allowing them to be broken easily by the

National Security Agency (NSA), but not by other organizations with lesser computing resources. However, by the early 2010s, increases in computing power meant that they could be broken by anyone with access to relatively modest computing resources using the well-known Number Field Sieve algorithm, using as little as 100 of cloud computing services. Combined with the ability of a man-in-the-middle attack to manipulate the initial cipher suite negotiation between the endpoints in the connection and the fact that the Finished hash only depended on the master secret, this meant that a man-in-the-middle attack with only a modest amount of computation could break the security of any website that allowed the use of 512-bit export-grade keys. While the exploit was only discovered in 2015, its underlying vulnerabilities had been present for many years, dating back to the 1990s.

- *RC4 supported:* RC4 is a stream cipher that was first described in 1987, and has been widely supported across web browsers and online services. Modern attacks have demonstrated that RC4 can be broken within hours or days. The typical attacks on RC4 exploit biases in the RC4 keystream to recover repeatedly encrypted plaintexts. In February 2015, these new attacks prompted the Internet Engineering Task Force to prohibit the use of RC4 with TLS.

- *Insecure anonymous suites:* The anonymous cipher suites, defined in the main TLS RFC (the names containing DH_anon), can provide encryption, but without authentication, which is insecure. The following cipher suites are used for completely anonymous Diffie-Hellman communications in which neither party is authenticated. Note that this mode is vulnerable to man-in-the- middle attacks. Using this mode therefore is of limited use: These cipher suites must not be used by TLS implementations unless the application layer has specifically requested to allow anonymous key exchange. (Anonymous key exchange may sometimes be acceptable, for example, to support opportunistic encryption when no set-up for authentication is in place, or when TLS is used as part of more complex security protocols that have other means to ensure authentication.)

- *ROBOT:* ROBOT is the return of a 19-year-old vulnerability that allows performing RSA decryption and signing operations with the private key of a TLS server. In 1998, Daniel Bleichenbacher discovered that the error messages given by SSL servers for errors in the PKCS #1 v1.5 padding allowed an adaptive-chosen ciphertext attack; this attack fully breaks the confidentiality of TLS when used with RSA encryption. For hosts that are vulnerable and only support RSA encryption key exchanges it's pretty bad. It means an attacker can passively record traffic and later decrypt it. For hosts that usually use forward secrecy, but still support a vulnerable RSA encryption key exchange the risk depends on how fast an attacker is able to perform the attack. A server impersonation or man in the middle attack is possible, but it is more challenging.

- *BEAST:* TLS 1.0 and earlier protocols suffer from a serious flaw: the Initialization Vector (IV) blocks that are used to mask data (plaintext) prior to encryption with a block cipher can be predicted by an active man-in-the-middle attacker. IVs are used to prevent encryption from being deterministic; without them, every time you encrypt the same block of data with the same key, you get the same (encrypted) output. This is highly undesirable. A clever attacker who can 1) predict IVs, 2) see what encrypted data looks like, and 3) influence what is encrypted, is then able to make guesses about what plaintext looks like. Technically, he cannot decrypt any data, but he can find out if his guesses are right or wrong. With enough guesses, any amount of data can be uncovered. Because guessing is not very efficient, the BEAST attack can in practice used to retrieve only small data fragments. That might not sound very useful, but we do have many highly valuable fragments all over: HTTP session cookies, authentication credentials (many protocols, not just HTTP), URL-based session tokens, and so on. Therefore, BEAST is a serious problem.

  BEAST is purely a client-side vulnerability. Since it had been released to the public, most major browsers addressed it using a technique called 1/n-1 split. This technique stops the attacker from predicting IVs and effectively addresses the underlying problem.

B   JavaScript Front-end Vulnerabilities in Australian Government Websites

Table 9: Main vulnerabilities in outdated JavaScript libraries imported by Australian government websites. We have merged the results of federal and state/territory government websites. In the Table, we have annotated the percentage of websites importing the vulnerable library, as well as the maximum vulnerability "severity" reported in the Snyk database (https://snyk.io/).

Lib@Version	% Websites	Severity	Vulnerability	Description
jQuery UI@1.11.4	10.1	High	CVE-2016-7103	Cross-Site Scripting (XSS) vulnerability in jQuery UI before 1.12.0 might allow remote attackers to inject arbitrary web script or HTML via the closeText parameter of the dialog function
jQuery@1.12.4	7.2	Medium	CVE-2015-9251	jQuery before 3.0.0 is vulnerable to Cross-Site Scripting (XSS) attacks when a cross-domain Ajax request is performed without the dataType option, causing text/JavaScript responses to be executed
		Medium	CVE-2020-11022	In jQuery versions greater than or equal to 1.2 and before 3.5.0, passing HTML from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. .html(), .append(), and others) may execute untrusted code. This problem is patched in jQuery 3.5.0.
		Medium	CVE-2020-11023	In jQuery versions greater than or equal to 1.0.3 and before 3.5.0, passing HTML containing <option> elements from untrusted sources - even after sanitizing it - to one of jQuery's DOM manipulation methods (i.e. .html(), .append(), and others) may execute untrusted code. This problem is patched in jQuery 3.5.0.
		Medium	CVE-2019-11358	jQuery before 3.4.0, as used in Drupal, Backdrop CMS, and other products, mishandles jQuery.extend(true, , ...) because of Object.prototype pollution. If an unsanitized source object contained an enumerable proto property, it could extend the native Object.prototype.
jQuery@1.11.3	7.9	Medium		*See jQuery@1.12.4*
jQuery@1.10.2	6.9	Medium		*See jQuery@1.12.4*
jQuery@3.3.1	5.1	Medium		*See jQuery@1.12.4*
Bootstrap@3.3.6	5.5	Medium	CVE-2019-8331	In Bootstrap before 3.4.1 and 4.3.x before 4.3.1, XSS is possible in the tooltip or popover data-template attribute.
jQuery@1.9.1	3.4	Medium		*See jQuery@1.12.4*
jQuery@3.2.1	3	Medium		*See jQuery@1.12.4*
jQuery@1.4.4	3	Medium		*See jQuery@1.12.4*
		Medium	CVE-2011-4969	Cross-Site Scripting (XSS) vulnerability in jQuery before 1.6.3, when using location.hash to select elements, allows remote attackers to inject arbitrary web script or HTML via a crafted tag.
		Medium	CVE-2011-4969	Cross-Site Scripting (XSS) vulnerability in jQuery before 1.6.3, when using location.hash to select elements, allows remote attackers to inject arbitrary web script or HTML via a crafted tag.
		Medium	CVE-2014-6071	jQuery 1.4.2 allows remote attackers to conduct Cross-Site Scripting (XSS) attacks via vectors related to use of the text method inside after.
Bootstrap@3.3.7	2	Medium		*See Bootstrap@3.3.6*

C   HSTS adoption by Australian Government Websites

If a website accepts a connection through HTTP and redirects to HTTPS, visitors may initially communicate with the non-encrypted version of the site before being redirected, if, for example, the visitor types http://www.foo.com/ or even just foo.com. This creates an opportunity for a man-in-the-middle attack. The redirect could be exploited to direct visitors to a malicious site instead of the secure version of the original site.

The HTTP Strict Transport Security (HSTS) header informs the browser that it should never load a site using HTTP and should automatically convert all attempts to access the site using HTTP to HTTPS requests instead.

Table 10 reports the adoption of HSTS by Australian government websites (August 2020), where each website is mapped to one of the following categories:

- *HSTS (full)*: HSTS is active on all the website servers.

- *HSTS (partial)*: HSTS is active on part of the website servers.

- *HSTS (disabled)*: although the website supports HSTS, HSTS is disabled on the website servers (e.g., due to non-valid SSL certificate(s)).

- *no HSTS*: the website does not support HSTS.

Table 10: HSTS adoption by Australian Federal and State governments.

State	HSTS (full)		HSTS (partial)		HSTS (disabled)		no HSTS	
	#websites	%websites	#websites	%websites	#websites	%websites	#websites	%websites
AUS	292	35.30	8	0.967	3	0.362	524	63.36
NSW	40	19.51	0	0.0	6	2.926	159	77.56
VIC	185	39.19	3	0.635	1	0.211	283	59.95
QLD	11	50.0	0	0.0	0	0.0	11	50.0
TAS	2	1.212	0	0.0	37	22.42	126	76.36
WA	22	24.44	1	1.111	0	0.0	67	74.44
NT	38	84.44	0	0.0	4	8.888	3	6.666
SA	4	15.38	0	0.0	1	3.846	21	80.76
ACT	0	0.0	0	0.0	0	0.0	10	100.0

D Full List of Australian Government Websites

AUS-fed.: Australian federal government websites.

(Obtained from https://www.australia.gov.au/about-government/departments-and-agencies/a-z-of-government-sites/). Note that websites, in gray colour, from ID number 753 to 827 are no longer accessible as of October 27th, 2020.

ID	Webpage URL	Description	HTTPS?	Score
1	http://www.acpc.gov.au/	Aged Care Pricing Commissioner	N	-
2	http://www.agls.gov.au/	AGLS metadata standard	N	-
3	http://apo.ansto.gov.au/	ANSTO Publications Online	N	-
4	http://australiaminerals.gov.au/	Australia Minerals	N	-
5	http://ajrp.awm.gov.au/	Australia-Japan Research Project	N	-
6	http://www.australianminesatlas.gov.au/	Australian Atlas of Mineral Resources, Mines ...	N	-
7	http://www.aga.gov.au/	Australian Government Actuary	N	-
8	http://www.environment.gov.au/heritage/organi...	Australian Heritage Council	N	-
9	http://www.hydro.gov.au/	Australian Hydrographic Service	N	-
10	http://www.marinemammals.gov.au/	Australian Marine Mammal Centre	N	-
11	http://www.amsa.gov.au/	Australian Maritime Safety Authority	N	-
12	http://www.anbg.gov.au/gardens/	Australian National Botanic Gardens	N	-
13	http://data.daff.gov.au/anrdl/php/anrdlSearch...	Australian Natural Resources Data Library	N	-
14	http://apas.gov.au/	Australian Paint Approval Scheme (APAS) and P...	N	-
15	http://www.printsandprintmaking.gov.au/	Australian Prints + Printmaking	N	-
16	http://www.atsb.gov.au/	Australian Transport Safety Bureau	N	-
17	http://www.awmlondon.gov.au/	Australian War Memorial London	N	-
18	http://taxboard.gov.au/	Board of Taxation	N	-
19	http://www.anbg.gov.au/	Botanical Web Portal	N	-
20	http://www.bom.gov.au/	Bureau of Meteorology	N	-
21	http://cancerlearning.gov.au/	Cancer Learning	N	-
22	http://www.cancerscreening.gov.au/	Cancer Screening	N	-
23	http://www.careforkidsears.health.gov.au/	Care for Kids' Ears	N	-
24	http://centenary.antarctica.gov.au/	Centenary of Australian Antarctic Expeditions	N	-
25	http://www.cpbr.gov.au/cpbr/	Centre for Australian National Biodiversity R...	N	-
26	http://www.cleanenergyregulator.gov.au/	Clean Energy Regulator	N	-
27	http://closingthegap.dpmc.gov.au/	Closing the Gap – Prime Minister's report 201...	N	-
28	http://coagenergycouncil.gov.au/	COAG Energy Council	N	-
29	http://www.coaghealthcouncil.gov.au/	COAG Health Council	N	-
30	http://www.cockatooisland.gov.au/	Cockatoo Island	N	-
31	http://cbd.gov.au/	Commercial Building Disclosure	N	-
32	http://coral.aims.gov.au/	Corals of the World	N	-
33	http://www.camac.gov.au/	Corporations and Markets Advisory Committee	N	-
34	http://www.federalfinancialrelations.gov.au/	Council on Federal Financial Relations	N	-
35	http://declaration.humanrights.gov.au/	Declaration on the Rights of Indigenous Peopl...	N	-
36	http://www.dsh.gov.au/	Defence Service Homes	N	-
37	http://www.environment.gov.au/	Department of the Environment and Energy	N	-
38	http://www.erac.gov.au/	Electrical Regulatory Authorities Council	N	-
39	http://www.emergencyalert.gov.au/	Emergency Alert	N	-
40	http://www.emissionscalculator.gbrmpa.gov.au/	Emissions Calculator	N	-
41	http://www.familycourt.gov.au/wps/wcm/connect...	Family Court of Australia	N	-
42	http://www.federalcircuitcourt.gov.au/wps/wcm...	Federal Circuit Court of Australia	N	-
43	http://www.firsthome.gov.au	First Home Owner Grant	N	-
44	http://www.ga.gov.au/	Geoscience Australia	N	-
45	http://www.geoscience.gov.au/	Geoscience Portal	N	-
46	http://www.gbrmpa.gov.au/	Great Barrier Reef Marine Park Authority	N	-
47	http://hsis.safeworkaustralia.gov.au/	Hazardous Substances Information System	N	-
48	http://healthheroes.health.gov.au/	Health Heroes	N	-
49	http://healthstarrating.gov.au/	Health Star Rating	N	-
50	http://healthyweight.health.gov.au/	Health Weight Guide	N	-
51	http://www.healthyworkers.gov.au/	Healthy Workers	N	-
52	http://heardisland.antarctica.gov.au/	Heard Island and McDonald Islands	N	-
53	http://www.hearingservices.gov.au/	Hearing Services Program	N	-
54	http://eresources.hcourt.gov.au/	High Court Digital Collection	N	-
55	http://hrawards.humanrights.gov.au/	Human Rights Awards	N	-
56	http://iesc.environment.gov.au/	Independent Expert Scientific Committee on Co...	N	-
57	http://knowtheline.humanrights.gov.au/	Know the line	N	-
58	http://www.magnacarta.senate.gov.au/	Magna Carta (Great Charter), 1297 Parliament ...	N	-
59	http://managingclimate.gov.au/	Managing Climate Variability Program	N	-
60	http://www.mbsonline.gov.au/	MBS online - medicare benefits schedule onlin...	N	-
61	http://www.msac.gov.au/	Medical Services Advisory Committee	N	-
62	http://montevideomaru.naa.gov.au/	Montevideo Maru – list of prisoners of war an...	N	-
63	http://blog.naa.gov.au/	National Archives of Australia's blogs	N	-
64	http://www.companioncard.gov.au/	National Companion Card	N	-
65	http://ncc.gov.au	National Competition Council	N	-
66	http://ncp.ncc.gov.au/	National Competition Policy	N	-
67	http://nepc.gov.au/	National Environment Protection Council	N	-
68	http://neii.gov.au/	National Environmental Information Infrastruc...	N	-
69	http://data.daff.gov.au/nifs/	National Indigenous Forestry Strategy (NIFS)	N	-
70	http://www.nrm.gov.au/	National Landcare Programme	N	-
71	http://www.nntt.gov.au/	National Native Title Tribunal	N	-
72	http://www.metoc.gov.au/	Navy Meteorology and Oceanography	N	-
73	http://www.ncpd.apra.gov.au/	NCPD – National Claims and Policies Database	N	-

74	http://nrmonline.nrm.gov.au/	NRM knowledge online	N	-
75	http://www.fsc.gov.au/sites/FSC	Office of the Federal Safety Commissioner	N	-
76	http://www.ogtr.gov.au/	Office of the Gene Technology Regulator	N	-
77	http://memorials.dva.gov.au/	Overseas Memorial Search	N	-
78	http://pandora.nla.gov.au/	PANDORA – Australia's Web Archive	N	-
79	http://paper.naa.gov.au/	Paper Research	N	-
80	http://poama.bom.gov.au/	POAMA/ACCESS-S Research: multi-week to season...	N	-
81	http://itstopswithme.humanrights.gov.au/	Racism. It Stops With Me.	N	-
82	http://www.rtirc.gov.au/	Regional Telecommunications Review	N	-
83	http://raws.infrastructure.gov.au	Registered Automotive Workshop Scheme	N	-
84	http://www.cleanenergyregulator.gov.au/RET/Pa...	Renewable Energy Target	N	-
85	http://www.rma.gov.au/	Repatriation Medical Authority	N	-
86	http://rvcs.infrastructure.gov.au/	RVCS – Road Vehicle Certification System	N	-
87	http://satview.bom.gov.au/	Satellite Viewer	N	-
88	http://southseas.nla.gov.au/	South Seas – Voyaging and Cross-Cultural Enco...	N	-
89	http://www.sws.bom.gov.au/	Space Weather Services	N	-
90	http://www.smrc.gov.au/	Specialist Medical Review Council	N	-
91	http://speechbubble-blog.dhs.gov.au/	Speechbubble	N	-
92	http://www.fish.gov.au/	Status of Key Australian Fish Stocks	N	-
93	http://www.harbourtrust.gov.au/	Sydney Harbour Federation Trust	N	-
94	http://www.takeovers.gov.au/	Takeovers Panel	N	-
95	http://www.tsra.gov.au/	Torres Strait Regional Authority	N	-
96	http://kids.triplezero.gov.au/	Triple Zero Kids' Challenge	N	-
97	http://www.environment.gov.au/protection/used...	Used oil recycling	N	-
98	http://www.vvcs.gov.au/	Veterans and Veterans Families Counselling Se...	N	-
99	http://www.vrb.gov.au/	Veterans' Review Board	N	-
100	http://voyage.anmm.gov.au/	Voyage to Van Diemen's Land	N	-
101	http://nationalwatermarket.gov.au/	Water Market Information	N	-
102	http://water.bom.gov.au/waterstorage/awris/	Water Storage	N	-
103	http://culturaldiversity.humanrights.gov.au/	Workplace Cultural Diversity Tool	N	-
104	http://anzacportal.dva.gov.au/	100 Years of Anzac	Y	3
105	https://abr.business.gov.au/	ABN Lookup for an Australian business number	Y	4
106	http://www.atsihealthpracticeboard.gov.au/	Aboriginal and Torres Strait Islander Health ...	Y	4
107	http://www.ahl.gov.au/	Aboriginal Hostels Limited	Y	4
108	https://abrexplorer.abr.gov.au/	ABR Explorer	Y	5
109	http://betaworks.abs.gov.au/betaworks/betawor...	ABS BetaWorks	Y	4
110	http://stat.abs.gov.au/	ABS.Stat Beta	Y	4
111	http://registers.accc.gov.au/	ACCC Public Registers	Y	4
112	http://www.activfire.gov.au/	ActivFire Scheme	Y	4
113	http://adfconsumer.gov.au/	ADF Financial Services Consumer Centre	Y	5
114	https://adflongtanawards.gov.au/	ADF Long Tan Youth Leadership and Teamwork Aw...	Y	4
115	http://www.aat.gov.au/	Administrative Appeals Tribunal	Y	5
116	http://www.arc.ag.gov.au/	Administrative Review Council	Y	5
117	http://education.aec.gov.au/	AEC for schools	Y	5
118	https://www.agedcarecomplaints.gov.au/	Aged Care Complaints Commissioner	Y	4
119	http://www.myagedcare.gov.au/service-finder	Aged care service finder	Y	5
120	http://50yearjourney.aiatsis.gov.au/	AIATSIS: From Wentworth to Dodson	Y	5
121	http://airpower.airforce.gov.au/	Air Power Development Centre	Y	-
122	http://ano.gov.au/	Aircraft Noise Ombudsman	Y	4
123	http://www.airservices.gov.au/	Airservices Australia	Y	1
124	http://www.alcohol.gov.au/	Alcohol	Y	1
125	http://periodicdisclosures.aec.gov.au/	Annual Returns	Y	5
126	http://www.adcommission.gov.au/	Anti-Dumping Commission	Y	5
127	http://adreviewpanel.gov.au/Pages/default.asp...	Anti-Dumping Review Panel	Y	5
128	http://www.anzaccentenary.gov.au/	Anzac Centenary	Y	-
129	http://www.anzlic.gov.au/	ANZLIC – The Spatial Information Council	Y	5
130	https://www.apsjobs.gov.au/	APS Jobs	Y	4
131	http://www.aafcans.gov.au/	Army and Air Force Canteen Service	Y	4
132	http://artisaweapon.moadoph.gov.au/	Art is a Weapon	Y	5
133	http://artbank.gov.au/	Artbank	Y	5
134	http://asbestossafety.gov.au/	Asbestos Safety and Eradication Agency	Y	5
135	https://asicconnect.asic.gov.au/	ASIC Connect	Y	5
136	https://www.edge.asic.gov.au/	ASIC Searches and Lodgements	Y	5
137	http://at-ease.dva.gov.au/	At Ease	Y	5
138	https://www.ag.gov.au/	Attorney-General's Department	Y	5
139	http://www.auasb.gov.au/	Auditing and Assurance Standards Board	Y	4
140	https://www.tenders.gov.au/	AusTender – The Australian Government Tender ...	Y	4
141	http://www.austrade.gov.au/	Austrade – Australian Trade and Investment Co...	Y	4
142	http://mawsonshuts.antarctica.gov.au/	Australasian Antarctic Expedition and Mawson'...	Y	5
143	http://acag.gov.au/	Australasian Court Administrators Group	Y	4
144	http://www.apcc.gov.au/	Australasian Procurement and Construction Cou...	Y	5
145	http://www.australiaawards.gov.au/	Australia Awards	Y	-
146	http://www.australiacouncil.gov.au/	Australia Council for the Arts	Y	5
147	https://globalalumni.gov.au/	Australia Global Alumni	Y	4
148	http://www.dfat.gov.au/aid/Pages/australias-a...	Australia's aid program	Y	5
149	http://www.chiefscientist.gov.au/	Australia's Chief Scientist	Y	5
150	http://taxreview.treasury.gov.au/	Australia's Future Tax System	Y	1
151	http://unny.mission.gov.au/	Australia: United Nations Security Council 20...	Y	4
152	http://www.aasb.gov.au/	Australian Accounting Standards Board	Y	4
153	http://www.aacqa.gov.au/	Australian Aged Care Quality Agency	Y	5
154	https://data.aad.gov.au/	Australian Antarctic Data Centre	Y	5
155	http://www.antarctica.gov.au/	Australian Antarctic Division	Y	5
156	https://www.australianapprenticeships.gov.au/	Australian Apprenticeships	Y	5
157	http://www.army.gov.au/	Australian Army	Y	5
158	http://www.armycadets.gov.au/	Australian Army Cadets	Y	4
159	https://www.aao.gov.au/	Australian Astronomical Observatory	Y	4
160	http://www.australianbiography.gov.au/	Australian Biography	Y	4
161	https://www.homeaffairs.gov.au/australian-bor...	Australian Border Force	Y	4
162	http://www.abcb.gov.au/	Australian Building Codes Board	Y	4
163	http://www.abs.gov.au/	Australian Bureau of Statistics	Y	5
164	https://account.business.gov.au/	Australian Business Account	Y	-

165	https://ablis.business.gov.au	Australian Business Licence and Information S...	Y	4
166	https://abr.gov.au/	Australian Business Register	Y	4
167	http://australiancancertrials.gov.au/	Australian Cancer Trials	Y	-
168	http://aciar.gov.au/	Australian Centre for International Agricultu...	Y	5
169	http://www.acnc.gov.au/	Australian Charities and Not-for-profits Comm...	Y	5
170	http://www.acecqa.gov.au/	Australian Children's Education and Care Qual...	Y	4
171	https://www.acmc.gov.au/	Australian Civil-Military Centre	Y	5
172	http://www.classification.gov.au/	Australian Classification – films, etc.	Y	5
173	https://www.clinicalguidelines.gov.au/	Australian Clinical Practice Guidelines	Y	5
174	http://www.australianclinicaltrials.gov.au/	Australian clinical trials	Y	4
175	https://www.aclei.gov.au	Australian Commission for Law Enforcement Int...	Y	5
176	http://www.safetyandquality.gov.au/	Australian Commission on Safety and Quality i...	Y	5
177	http://www.acma.gov.au/	Australian Communications and Media Authority	Y	5
178	http://www.accc.gov.au/	Australian Competition and Consumer Commissio...	Y	4
179	https://consultation.accc.gov.au/	Australian Competition and Consumer Commissio...	Y	5
180	http://www.competitiontribunal.gov.au/	Australian Competition Tribunal	Y	4
181	http://bali.indonesia.embassy.gov.au/	Australian Consulate-General, Bali	Y	5
182	http://chengdu.china.embassy.gov.au/	Australian Consulate-General, Chengdu, China	Y	5
183	http://chennai.consulate.gov.au/	Australian Consulate-General, Chennai, India	Y	5
184	http://guangzhou.china.embassy.gov.au/	Australian Consulate-General, Guangzhou	Y	5
185	http://hcmc.vietnam.embassy.gov.au/	Australian Consulate-General, Ho Chi Minh Cit...	Y	5
186	http://hongkong.china.embassy.gov.au/	Australian Consulate-General, Hong Kong	Y	5
187	http://www.losangeles.consulate.gov.au/	Australian Consulate-General, Los Angeles	Y	5
188	http://makassar.consulate.gov.au/	Australian Consulate-General, Makassar, Indon...	Y	5
189	http://mumbai.consulate.gov.au/	Australian Consulate-General, Mumbai, India	Y	5
190	http://newyork.usa.embassy.gov.au/	Australian Consulate-General, New York, Unite...	Y	5
191	http://australianconsulatenoumea.embassy.gov....	Australian Consulate-General, Noumea, New Cal...	Y	5
192	http://shanghai.china.embassy.gov.au/	Australian Consulate-General, Shanghai, China	Y	5
193	http://consumerlaw.gov.au/	Australian Consumer Law	Y	4
194	https://www.acic.gov.au/	Australian Criminal Intelligence Commission	Y	5
195	https://www.acsc.gov.au/	Australian Cyber Security Centre	Y	4
196	https://www.acorn.gov.au/	Australian Cybercrime Online Reporting Networ...	Y	4
197	http://www.defence.gov.au/ADFA/	Australian Defence Force Academy	Y	4
198	http://www.defence.gov.au/adfwc/	Australian Defence Force Warfare Centre	Y	4
199	https://www.digitalhealth.gov.au/	Australian Digital Health Agency	Y	5
200	http://www.aedc.gov.au/	Australian Early Development Census	Y	4
201	http://www.elections.gov.au/	Australian Election Portal	Y	5
202	http://aec.gov.au/	Australian Electoral Commission	Y	5
203	http://www.austria.embassy.gov.au/	Australian Embassy and Permanent Mission to t...	Y	5
204	http://afghanistan.embassy.gov.au/	Australian Embassy, Afghanistan	Y	5
205	http://argentina.embassy.gov.au/	Australian Embassy, Argentina	Y	5
206	http://www.brazil.embassy.gov.au/	Australian Embassy, Brazil	Y	5
207	http://www.belgium.embassy.gov.au/	Australian Embassy, Brussels	Y	5
208	http://www.cambodia.embassy.gov.au/	Australian Embassy, Cambodia	Y	5
209	http://www.chile.embassy.gov.au/	Australian Embassy, Chile	Y	5
210	http://www.china.embassy.gov.au/	Australian Embassy, China	Y	5
211	http://croatia.embassy.gov.au/	Australian Embassy, Croatia	Y	5
212	http://www.denmark.embassy.gov.au/	Australian Embassy, Denmark	Y	5
213	http://www.egypt.embassy.gov.au/	Australian Embassy, Egypt	Y	5
214	http://ethiopia.embassy.gov.au/	Australian Embassy, Ethiopia	Y	5
215	http://www.fsm.embassy.gov.au/	Australian Embassy, Federated States of Micro...	Y	5
216	http://www.france.embassy.gov.au/	Australian Embassy, France	Y	5
217	http://www.germany.embassy.gov.au/	Australian Embassy, Germany	Y	5
218	http://www.greece.embassy.gov.au/	Australian Embassy, Greece	Y	5
219	http://www.indonesia.embassy.gov.au/	Australian Embassy, Indonesia	Y	5
220	http://www.iran.embassy.gov.au/	Australian Embassy, Iran	Y	5
221	http://www.iraq.embassy.gov.au/	Australian Embassy, Iraq	Y	5
222	http://www.ireland.embassy.gov.au/	Australian Embassy, Ireland	Y	5
223	http://www.israel.embassy.gov.au/	Australian Embassy, Israel	Y	5
224	http://japan.embassy.gov.au/tkyo/home.html	Australian Embassy, Japan	Y	5
225	http://www.jordan.embassy.gov.au/	Australian Embassy, Jordan	Y	5
226	http://www.kuwait.embassy.gov.au/	Australian Embassy, Kuwait	Y	5
227	http://www.laos.embassy.gov.au/	Australian Embassy, Laos	Y	5
228	http://www.lebanon.embassy.gov.au/	Australian Embassy, Lebanon	Y	5
229	http://www.mexico.embassy.gov.au/	Australian Embassy, Mexico	Y	5
230	http://www.burma.embassy.gov.au/	Australian Embassy, Myanmar	Y	5
231	http://www.nepal.embassy.gov.au/	Australian Embassy, Nepal	Y	5
232	http://www.netherlands.embassy.gov.au/	Australian Embassy, Netherlands	Y	5
233	http://peru.embassy.gov.au/	Australian Embassy, Peru	Y	5
234	http://poland.embassy.gov.au/	Australian Embassy, Poland	Y	5
235	http://portugal.embassy.gov.au/	Australian Embassy, Portugal	Y	5
236	http://www.southkorea.embassy.gov.au/	Australian Embassy, Republic of Korea	Y	5
237	http://www.italy.embassy.gov.au/	Australian Embassy, Rome	Y	5
238	http://www.russia.embassy.gov.au/	Australian Embassy, Russian Federation	Y	5
239	http://www.saudiarabia.embassy.gov.au/	Australian Embassy, Saudi Arabia	Y	5
240	http://www.serbia.embassy.gov.au/bgde/home.ht...	Australian Embassy, Serbia	Y	5
241	http://www.spain.embassy.gov.au/	Australian Embassy, Spain	Y	5
242	http://www.sweden.embassy.gov.au/	Australian Embassy, Sweden	Y	5
243	http://www.thailand.embassy.gov.au/	Australian Embassy, Thailand	Y	-
244	http://holysee.embassy.gov.au/	Australian Embassy, the Holy See	Y	5
245	http://www.philippines.embassy.gov.au/	Australian Embassy, The Philippines	Y	5
246	http://turkey.embassy.gov.au/	Australian Embassy, Turkey	Y	5
247	http://ukraine.embassy.gov.au/	Australian Embassy, Ukraine	Y	5
248	http://uae.embassy.gov.au/	Australian Embassy, United Arab Emirates	Y	5
249	http://www.usa.embassy.gov.au/whwh/home.html	Australian Embassy, United States of America	Y	-
250	http://www.vietnam.embassy.gov.au/hnoi/home.h...	Australian Embassy, Vietnam	Y	5
251	http://www.zimbabwe.embassy.gov.au/hare/home....	Australian Embassy, Zimbabwe	Y	5
252	http://www.aemc.gov.au/	Australian Energy Market Commission	Y	4
253	http://www.aer.gov.au/	Australian Energy Regulator	Y	4
254	https://www.aer.gov.au/	Australian Energy Regulator	Y	4
255	http://www.exportawards.gov.au/	Australian Export Awards	Y	4

256	https://www.afp.gov.au/	Australian Federal Police	Y	4
257	https://www.afsa.gov.au/	Australian Financial Security Authority	Y	5
258	http://www.afma.gov.au/	Australian Fisheries Management Authority	Y	5
259	http://www.defence.gov.au/AGO/	Australian Geospatial-Intelligence Organisati...	Y	4
260	http://australiangovernmentbonds.gov.au/	Australian Government Bonds	Y	5
261	http://www.pc.gov.au/about/core-functions/com...	Australian Government Competitive Neutrality ...	Y	5
262	http://www.directory.gov.au/	Australian Government Directory	Y	5
263	http://www.ags.gov.au/	Australian Government Solicitor	Y	5
264	http://webarchive.nla.gov.au/gov/	Australian Government Web Archive	Y	5
265	http://naa.gov.au/agift/	Australian Governments' Interactive Functions...	Y	5
266	http://ageis.climatechange.gov.au/	Australian Greenhouse Emissions Information S...	Y	5
267	http://www.ahpra.gov.au/	Australian Health Practitioner Regulation Age...	Y	4
268	http://www.bangladesh.embassy.gov.au	Australian High Commission, Bangladesh	Y	5
269	http://www.bruneidarussalam.embassy.gov.au/	Australian High Commission, Brunei Darussalam	Y	5
270	http://www.canada.embassy.gov.au/	Australian High Commission, Canada	Y	5
271	http://cyprus.embassy.gov.au/	Australian High Commission, Cyprus	Y	5
272	http://www.fiji.embassy.gov.au/	Australian High Commission, Fiji	Y	5
273	http://www.ghana.embassy.gov.au/	Australian High Commission, Ghana	Y	5
274	http://www.india.embassy.gov.au/	Australian High Commission, India	Y	5
275	http://www.kenya.embassy.gov.au/	Australian High Commission, Kenya	Y	5
276	http://www.kiribati.embassy.gov.au/	Australian High Commission, Kiribati	Y	5
277	http://malaysia.highcommission.gov.au/	Australian High Commission, Malaysia	Y	4
278	http://www.malta.embassy.gov.au/	Australian High Commission, Malta	Y	5
279	http://mauritius.embassy.gov.au/	Australian High Commission, Mauritius	Y	5
280	http://newzealand.embassy.gov.au/	Australian High Commission, New Zealand	Y	5
281	http://www.nigeria.embassy.gov.au/	Australian High Commission, Nigeria	Y	5
282	http://pakistan.embassy.gov.au/	Australian High Commission, Pakistan	Y	5
283	http://png.embassy.gov.au/	Australian High Commission, Papua New Guinea	Y	5
284	http://vanuatu.embassy.gov.au	Australian High Commission, Port Vila	Y	5
285	http://southafrica.embassy.gov.au/	Australian High Commission, Pretoria	Y	5
286	http://www.samoa.embassy.gov.au/	Australian High Commission, Samoa	Y	5
287	http://www.singapore.embassy.gov.au/	Australian High Commission, Singapore	Y	5
288	http://www.solomonislands.embassy.gov.au/	Australian High Commission, Solomon Islands	Y	5
289	http://srilanka.embassy.gov.au	Australian High Commission, Sri Lanka	Y	5
290	http://tonga.embassy.gov.au	Australian High Commission, Tonga	Y	5
291	http://www.trinidadandtobago.embassy.gov.au	Australian High Commission, Trinidad and Toba...	Y	5
292	http://www.uk.embassy.gov.au	Australian High Commission, United Kingdom	Y	5
293	http://www.humanrights.gov.au/	Australian Human Rights Commission	Y	5
294	http://aiatsis.gov.au/	Australian Institute of Aboriginal and Torres...	Y	5
295	http://www.aic.gov.au/	Australian Institute of Criminology	Y	5
296	https://aifs.gov.au/	Australian Institute of Family Studies (AIFS)	Y	5
297	http://www.aihw.gov.au/	Australian Institute of Health and Welfare	Y	5
298	http://www.aims.gov.au/	Australian Institute of Marine Science	Y	5
299	http://www.aipm.gov.au/	Australian Institute of Police Management	Y	4
300	http://www.ausport.gov.au/ais	Australian Institute of Sport	Y	5
301	http://www.alrc.gov.au/	Australian Law Reform Commission	Y	5
302	https://www.anao.gov.au/	Australian National Audit Office	Y	5
303	http://www.anmm.gov.au/	Australian National Maritime Museum	Y	4
304	https://nationalregistry.cleanenergyregulator...	Australian National Registry of Emissions Uni...	Y	4
305	http://www.nationalsecurity.gov.au/	Australian National Security	Y	4
306	http://www.navycadets.gov.au/	Australian Navy Cadets	Y	4
307	http://www.ansto.gov.au/	Australian Nuclear Science and Technology Org...	Y	4
308	http://aofm.gov.au/	Australian Office of Financial Management	Y	5
309	https://www.passports.gov.au/	Australian Passport Office	Y	5
310	http://www.geneva.mission.gov.au/	Australian Permanent Mission and Consulate Ge...	Y	1
311	http://apvma.gov.au/	Australian Pesticides and Veterinary Medicine...	Y	4
312	http://archive.apvma.gov.au/	Australian Pesticides and Veterinary Medicine...	Y	4
313	http://apra.gov.au/	Australian Prudential Regulation Authority	Y	4
314	http://www.apsc.gov.au/	Australian Public Service Commission	Y	5
315	http://arpansa.gov.au/	Australian Radiation Protection and Nuclear S...	Y	-
316	http://www.arnecc.gov.au/	Australian Registrars National Electronic Con...	Y	5
317	http://arpc.gov.au/	Australian Reinsurance Pool Corporation	Y	5
318	http://arena.gov.au/	Australian Renewable Energy Agency	Y	4
319	http://www.ramallah.mission.gov.au/	Australian Representative Office, Ramallah	Y	1
320	http://www.arc.gov.au/	Australian Research Council	Y	5
321	http://aso.gov.au/	Australian Screen	Y	3
322	http://www.asis.gov.au/	Australian Secret Intelligence Service	Y	4
323	http://www.asic.gov.au/	Australian Securities and Investments Commiss...	Y	4
324	https://www.asio.gov.au/	Australian Security Intelligence Organisation...	Y	4
325	http://www.asd.gov.au/	Australian Signals Directorate	Y	5
326	http://www.asqa.gov.au/	Australian Skills Quality Authority	Y	5
327	http://www.asbfeo.gov.au/	Australian Small Business and Family Enterpri...	Y	5
328	https://www.asada.gov.au/	Australian Sports Anti-Doping Authority	Y	5
329	http://www.ausport.gov.au/	Australian Sports Commission	Y	5
330	https://learning.ausport.gov.au/	Australian Sports Commission Learning Portal	Y	5
331	http://www.asac.gov.au/	Australian Statistics Advisory Council	Y	4
332	https://www.ato.gov.au/	Australian Taxation Office	Y	4
333	https://www.australiantrainingawards.gov.au/	Australian Training Awards	Y	5
334	http://www.austrac.gov.au/	Australian Transaction Reports and Analysis C...	Y	5
335	https://www.awm.gov.au/	Australian War Memorial	Y	5
336	http://www.australiansatwar.gov.au/	Australians at War	Y	-
337	http://tradethroughtime.gov.au/	Australia's Trade through Time	Y	4
338	https://www.aviationcomplaints.gov.au	Aviation Complaints	Y	5
339	http://banknotes.rba.gov.au/	Banknotes	Y	4
340	http://behindthelines.moadoph.gov.au/	Behind the Lines: The Year's Best Political C...	Y	5
341	http://billyhughes.moadoph.gov.au/	Billy Hughes at war	Y	5
342	http://bioregionalassessments.gov.au/	Bioregional Assessments	Y	4
343	http://www.bladderbowel.gov.au/	Bladder and Bowel	Y	4
344	http://www.boardlinks.gov.au/	BoardLinks	Y	5
345	https://budd-e.cybersmart.gov.au/	Budd:e Cybersecurity builder	Y	-
346	http://bitre.gov.au/	Bureau of Infrastructure, Transport and Regio...	Y	5

347	https://consultation.business.gov.au/consulta...	Business Consultation	Y	5
348	https://www.blu.asio.gov.au/	Business Liaison Unit – Australian Security I...	Y	4
349	https://www.business.gov.au/	Business.gov.au	Y	5
350	https://www.cadetnet.gov.au/	Cadetnet Portal – Australian Defence Force Ca...	Y	4
351	https://canceraustralia.gov.au/	Cancer Australia	Y	4
352	https://www.carergateway.gov.au/	Carer Gateway	Y	4
353	http://cognitivecare.gov.au/	Caring for Cognitive Impairment	Y	4
354	https://www.humanservices.gov.au/customer/dhs...	Centrelink	Y	5
355	https://www.cert.gov.au/	CERT Australia	Y	5
356	http://www.chinesemedicineboard.gov.au/	Chinese Medicine Board of Australia	Y	4
357	http://www.chiropracticboard.gov.au/	Chiropractic Board of Australia	Y	4
358	https://www.casa.gov.au/	Civil Aviation Safety Authority	Y	5
359	http://classroom.antarctica.gov.au/	Classroom Antarctica	Y	5
360	https://www.clearinghouseforsport.gov.au/	Clearinghouse for Sport	Y	5
361	http://climatechangeauthority.gov.au/	Climate Change Authority	Y	-
362	https://www.climatechangeinaustralia.gov.au/	Climate Change in Australia	Y	4
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364	http://www.cawcr.gov.au/	Collaboration for Australian Weather and Clim...	Y	4
365	http://defencereview.humanrights.gov.au/	Collaboration for Cultural Reform in Defence	Y	5
366	http://www.comcare.gov.au/	Comcare	Y	5
367	http://www.commemoration.gov.au/	Commemoration: Australia's Wartime Heritage	Y	-
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371	https://www.cdpp.gov.au/	Commonwealth Director of Public Prosecutions	Y	5
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375	http://cricos.education.gov.au/	Commonwealth Register of Institutions and Cou...	Y	5
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377	https://cscri.gov.au/	Commonwealth Superannuation Corporation retir...	Y	4
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379	http://competitionpolicyreview.gov.au/	Competition Policy Review	Y	1
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384	http://www.coag.gov.au/	Council of Australian Governments	Y	5
385	http://www.cfr.gov.au/	Council of Financial Regulators	Y	4
386	http://www.chah.gov.au/	Council of Heads of Australasian Herbaria	Y	5
387	http://www.foodlabels.industry.gov.au/	Country of Origin Labelling	Y	4
388	https://dex.dss.gov.au	Data Exchange	Y	4
389	http://data.gov.au/	data.gov.au	Y	4
390	https://blog.data.gov.au/	Data.gov.au blog	Y	5
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399	http://www.defence.gov.au/dio/index.html	Defence Intelligence Organisation	Y	4
400	http://www.defencejobs.gov.au/	Defence Jobs	Y	4
401	http://www.defence.gov.au/dmo/	Defence Materiel Organisation	Y	4
402	http://www.defencereservessupport.gov.au/	Defence Reserves Support	Y	4
403	http://www.dst.defence.gov.au/	Defence Science and Technology Group	Y	4
404	http://www.dentalboard.gov.au/	Dental Board of Australia	Y	4
405	http://www.agriculture.gov.au/	Department of Agriculture and Water Resources	Y	-
406	https://www.communications.gov.au/	Department of Communications and the Arts	Y	5
407	http://www.defence.gov.au/	Department of Defence	Y	4
408	https://www.education.gov.au/	Department of Education and Training	Y	5
409	https://submissions.education.gov.au	Department of Education and Training Public S...	Y	5
410	http://www.finance.gov.au/	Department of Finance	Y	5
411	http://www.dfat.gov.au/	Department of Foreign Affairs and Trade	Y	5
412	http://www.health.gov.au/	Department of Health	Y	5
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414	http://www.homeaffairs.gov.au/	Department of Home Affairs	Y	4
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430	http://www.disasterassist.gov.au/	Disaster Assist	Y	4
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432	https://www.donotcall.gov.au/	Do Not Call Register	Y	4
433	http://www.doctorconnect.gov.au/	DoctorConnect	Y	1
434	http://www.dvs.gov.au/	Document Verification Service	Y	4
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436	http://www.domainname.gov.au/	domainname.gov.au - Government Domain Names	Y	5
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439	http://eatforhealth.gov.au/	Eat For Health	Y	1
440	https://www.electioncostings.gov.au/	Election Costings 2016	Y	5
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443	http://www.ecanz.gov.au/	Electoral Council of Australia and New Zealan...	Y	5
444	http://www.energymadeeasy.gov.au/	Energy Made Easy	Y	5
445	http://www.energyrating.gov.au/	Energy Rating	Y	5
446	https://engage.dss.gov.au/	engage.dss.gov.au	Y	5
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448	https://www.efic.gov.au/	Export Finance and Insurance Corporation	Y	1
449	https://www.fwc.gov.au/	Fair Work Commission	Y	4
450	http://www.fairwork.gov.au/	Fair Work Ombudsman	Y	5
451	http://www.familyrelationships.gov.au/	Family Relationships Online	Y	4
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478	http://www.harmony.gov.au/	Harmony Day	Y	1
479	https://headtohealth.gov.au/	Head to Health	Y	5
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487	https://www.pmc.gov.au/indigenous-affairs/emp...	Indigenous Advancement Support	Y	5
488	http://www.iba.gov.au/	Indigenous Business Australia	Y	4
489	http://indigenouscareers.gov.au/	Indigenous Careers	Y	-
490	http://www.dpmc.gov.au/indigenous-affairs/emp...	Indigenous Jobs and Training Review	Y	4
491	http://www.indigenousjustice.gov.au/	Indigenous Justice Clearinghouse	Y	5
492	http://www.ilc.gov.au/	Indigenous Land Corporation	Y	-
493	http://www.indigenous.gov.au/	indigenous.gov.au	Y	5
494	http://www.ipfa.gov.au	Infrastructure and Project Financing Agency	Y	5
495	http://infrastructureaustralia.gov.au/	Infrastructure Australia	Y	5
496	http://investment.infrastructure.gov.au/	Infrastructure Investment	Y	4
497	https://innovationxchange.dfat.gov.au/	Innovationxchange	Y	4
498	http://www.igis.gov.au/	Inspector-General of Intelligence and Securit...	Y	5
499	http://www.intercountryadoption.gov.au/	Intercountry Adoption Australia	Y	5
500	http://www.icsm.gov.au/index.html	Intergovernmental Committee on Surveying and ...	Y	4
501	http://www.igb.gov.au/	Interim Inspector-General of Biosecurity	Y	5
502	http://iasc.gov.au/	International Air Services Commission	Y	5
503	http://comparativetaxation.treasury.gov.au/	International Comparison of Australia's Taxes...	Y	1
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506	http://joboutlook.gov.au/	Job Outlook	Y	4
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519	http://magnacarta.moadoph.gov.au/	Magna Carta and Modern Australia	Y	5
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521	http://miareview.treasury.gov.au/	Managed Investments Act - Review	Y	1
522	http://www.marinepests.gov.au/	Marine Pests	Y	5
523	https://www.homeaffairs.gov.au/trav/ente/avia...	Maritime Travellers Processing Committee	Y	4
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525	http://marnti-warajanga.moadoph.gov.au/	Marnti-Warajanga – a walk together	Y	5
526	http://maternitymatrix.aihw.gov.au/	Maternity Information Matrix	Y	5
527	http://www.medicalboard.gov.au/	Medical Board of Australia	Y	4
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530	http://menziesbyhoward.moadoph.gov.au/	Menzies by John Howard — 1939-1941	Y	5
531	http://menzies.moadoph.gov.au/	Menzies' 1941 Diary	Y	5
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603	http://www.occupationaltherapyboard.gov.au/	Occupational Therapy Board of Australia	Y	4
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605	https://www.odc.gov.au/	Office of Drug Control	Y	5
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632	https://www.ppsr.gov.au/	Personal Property Securities Register	Y	5
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638	http://www.podiatryboard.gov.au/	Podiatry Board of Australia	Y	4
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646	http://www.psr.gov.au/	Professional Services Review	Y	5
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682	http://www.seacare.gov.au/	Seafarers Safety, Rehabilitation and Compensa...	Y	5
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784	http://www.immunise.health.gov.au/	Immunise Australia Program	-	-
785	http://apscentenaryofcanberra.gov.au/	In Work and In Play: Building the Canberra Co...	-	-
786	http://igt.gov.au/	Inspector General of Taxation	-	-
787	http://www.lakeeyrebasin.gov.au/	Lake Eyre Basin	-	-
788	http://www.lccsc.gov.au/	Law, Crime and Community Safety Council	-	-
789	http://livingsafetogether.govspace.gov.au/	Living Safe Together blog	-	-
790	http://mhsa.aihw.gov.au/	Mental health services in Australia	-	-
791	http://migrationblog.border.gov.au/	Migration Blog	-	-
792	http://www.mcasd.gov.au/	Minister's Council on Asylum Seekers and Dete...	-	-
793	http://myswitch.digitalready.gov.au/	mySwitch	-	-
794	http://www.ncoa.gov.au/	National Commission of Audit (2013)	-	-
795	http://ndoch.govspace.gov.au/	National Disability Organisations' Clearingho...	-	-
796	http://www.ndlerf.gov.au/	National Drug Law Enforcement Research Fund	-	-
797	http://www.nhpa.gov.au/	National Health Performance Authority	-	-
798	http://www.npi.gov.au/	National Pollutant Inventory	-	-
799	http://ogpau.govspace.gov.au/	Open Government Partnership – Australia	-	-
800	http://personalinsolvencynews.govspace.gov.au...	Personal Insolvency News	-	-
801	http://pbt.padil.gov.au/	Plant Biosecurity Toolbox	-	-

802	http://postentryquarantine.govspace.gov.au/	Post Entry Quarantine Facility	-	-
803	http://poweroflvoice.moadoph.gov.au/	Power of One	-	-
804	http://www.problemgambling.gov.au/	Problem gambling	-	-
805	http://www.pmra.finance.gov.au/	Public Management Reform Agenda	-	-
806	http://www.psmprogram.gov.au/	Public Sector Management (PSM) Program	-	-
807	http://randdsnapshot.business.gov.au/	RD Tax Incentive Snapshot	-	-
808	http://www.raafais.gov.au/	RAAF Aeronautical Information Service	-	-
809	http://data.daff.gov.au/rainfall/	Rainfall Reliability Wizard	-	-
810	http://federation.dpmc.gov.au/	Reform of the Federation White Paper	-	-
811	http://www.rbt.treasury.gov.au/	Review of Business Taxation (1998-1999)	-	-
812	http://www.foodlabellingreview.gov.au/	Review of Food Labelling Law and Policy	-	-
813	http://rightstalk.humanrights.gov.au/	RightsTalk	-	-
814	http://runthattown.abs.gov.au/	Run That Town	-	-
815	http://sea1000.gov.au/	SEA1000 – Australia's Future Submarines	-	-
816	http://skillselect.govspace.gov.au/	SkillSelect Support	-	-
817	http://somethingincommon.humanrights.gov.au/	Something In Common	-	-
818	http://www.sch.abs.gov.au/	Statistical Clearing House	-	-
819	http://www.studyoverseas.gov.au/	Study Overseas	-	-
820	http://www.tellmesomethingidontknow.gov.au/	Tell me something I don't know	-	-
821	http://hellfire-pass.commemoration.gov.au/	The Thai–Burma Railway and Hellfire Pass	-	-
822	http://www.quarantinedomestic.gov.au/	Traveller's guide to Australian interstate qu...	-	-
823	http://travelsecure.infrastructure.gov.au/	TravelSECURE	-	-
824	http://bullying.humanrights.gov.au/	Violence, harassment and bullying	-	-
825	http://waves.anmm.gov.au/	Waves of Migration	-	-
826	http://welcomewall.anmm.gov.au/	Welcome Wall	-	-
827	http://www.youngendeavour.gov.au/	Young Endeavour Youth Scheme	-	-

NSW: New South Wales government websites

(Obtained from https://www.service.nsw.gov.au/nswgovdirectory). Note that websites, in gray colour, from ID number 200 to 205 are no longer accessible as of October 27th, 2020.

ID	Webpage URL	Description	HTTPS?	Score
1	http://www.aboriginalaffairs.nsw.gov.au	Aboriginal Affairs	Y	5
2	https://www.aho.nsw.gov.au/	Aboriginal Housing Office	Y	5
3	http://www.oralra.nsw.gov.au	Aboriginal Land Rights Act 1983 (NSW), Office...	Y	4
4	https://www.dpi.nsw.gov.au/content/research/a...	Agricultural Scientific Collections Trust	Y	5
5	https://www.dpi.nsw.gov.au/agriculture	Agriculture NSW	Y	5
6	http://www.ambulance.nsw.gov.au	Ambulance Service of NSW	Y	4
7	http://www.antidiscrimination.justice.nsw.gov...	Anti-Discrimination Board	Y	4
8	https://www.artgallery.nsw.gov.au	Art Gallery of NSW	Y	4
9	http://www.create.nsw.gov.au/	Arts NSW	Y	4
10	http://www.audit.nsw.gov.au	Audit Office of NSW	Y	4
11	http://www.housing.nsw.gov.au/centre-for-affo...	Centre for Affordable Housing	Y	5
12	https://www.facs.nsw.gov.au/inclusion/advisor...	Ministerial Advisory Committee on Ageing, NSW	Y	5
13	https://www.ageingdisabilitycommission.nsw.go...	NSW Ageing and Disability Commission	Y	5
14	https://www.architects.nsw.gov.au/	NSW Architects Registration Board	Y	4
15	https://www.anzacmemorial.nsw.gov.au/	Trustee of the ANZAC Memorial	Y	4
16	https://www.dpi.nsw.gov.au/biosecurity	Biosecurity NSW	Y	5
17	http://www.nsw.gov.au/bdm	Births, Deaths Marriages, NSW Registry of (P...	Y	4
18	https://www.nsw.gov.au/bdm	Births, Deaths Marriages, NSW Registry of (S...	Y	4
19	http://www.bossi.nsw.gov.au	Board of Surveying and Spatial Information (B...	Y	4
20	https://www.bfcsa.nsw.gov.au/	Brush Farm Corrective Services Academy	Y	4
21	https://www.fairtrading.nsw.gov.au/trades-and...	Building Professionals Board	Y	5
22	https://www.transport.nsw.gov.au/	Bureau of Transport Statistics	Y	4
23	https://www.facs.nsw.gov.au	Business Services, Family and Community Servi...	Y	5
24	https://nnswlhd.health.nsw.gov.au/about/hospi...	Byron Central Hospital	Y	4
25	https://www.cancer.nsw.gov.au/	Cancer Institute NSW	Y	4
26	http://www.cclhd.health.nsw.gov.au/	Central Coast Local Health District	Y	4
27	http://www.kidsguardian.nsw.gov.au	Children's Guardian, Office of the	Y	4
28	https://www.chinesemedicinecouncil.nsw.gov.au	Chinese Medicine Council of New South Wales	Y	4
29	https://www.chiropracticcouncil.nsw.gov.au	Chiropractic Council of New South Wales	Y	4
30	https://www.resourcesandgeoscience.nsw.gov.au...	Coal Competence Board	Y	5
31	https://combatsports.nsw.gov.au/	Combat Sports Authority of NSW	Y	4
32	https://www.facs.nsw.gov.au/home	Communities and Justice, NSW Department of	Y	5
33	http://www.housing.nsw.gov.au/community-housi...	Community Housing	Y	5
34	http://www.dec.nsw.gov.au/what-we-offer/commu...	Community Languages Schools Board, NSW	Y	-
35	http://www.community.nsw.gov.au	Community Services	Y	1
36	https://www.correctiveservices.justice.nsw.go...	Corrective Services NSW	Y	4
37	https://www.crimecommission.nsw.gov.au/	Crime Commission, NSW	Y	5
38	http://www.cso.nsw.gov.au	Crown Solicitor's Office	Y	4
39	https://www.customerservice.nsw.gov.au/	Customer Service, NSW Department of	Y	5
40	https://www.aci.health.nsw.gov.au/	NSW Agency for Clinical Innovation	Y	4
41	http://www.ncat.nsw.gov.au/	NSW Civil and Administrative Tribunal (NCAT)	Y	4
42	http://www.justice.nsw.gov.au/lsb/Pages/lsb-a...	Office of the General Counsel	Y	4
43	http://www.acyp.nsw.gov.au/	Office of the NSW Advocate for Children and ...	Y	4
44	http://www.damsafety.nsw.gov.au	Dams Safety Committee, NSW	Y	4
45	https://www.dentalcouncil.nsw.gov.au/	Dental Council of New South Wales	Y	4
46	https://www.pathology.health.nsw.gov.au/	Department of Forensic Medicine – Newcastle	Y	4
47	http://www.odpp.nsw.gov.au	Director of Public Prosecutions, Office of th...	Y	4
48	https://www.facs.nsw.gov.au/disability-counci...	Disability Council NSW	Y	5
49	https://www.health.nsw.gov.au/Pages/default.a...	Health, NSW Ministry of	Y	4
50	https://www.industry.nsw.gov.au/	Industry, NSW Department of	Y	5
51	https://www.justice.nsw.gov.au	Justice, NSW Department of	Y	4
52	https://www.dpie.nsw.gov.au/	Planning, Industry and Environment, NSW Depar...	Y	5
53	http://www.dpc.nsw.gov.au	Premier and Cabinet, NSW Department of	Y	4
54	http://www.transport.nsw.gov.au	Transport for NSW	Y	4
55	https://education.nsw.gov.au/	Education, NSW Department of	Y	5

56	http://www.elections.nsw.gov.au/	Electoral Commission, NSW	Y	5
57	https://www.epa.nsw.gov.au/	Environment Protection Authority (EPA) NSW	Y	4
58	animal.welfare@industry.nsw.gov.au	Exhibited Animals Advisory Committee	Y	-
59	https://www.emergency.nsw.gov.au/	Office of Emergency Management	Y	4
60	http://www.fire.nsw.gov.au	Fire and Rescue NSW	Y	5
61	https://www.dpi.nsw.gov.au/fishing	Fisheries NSW	Y	5
62	http://www.foodauthority.nsw.gov.au	Food Authority, NSW	Y	5
63	https://www.fairtrading.nsw.gov.au/	NSW Fair Trading	Y	5
64	https://www.fairtrading.nsw.gov.au/about-fair...	NSW Fair Trading Administration Corporation	Y	5
65	https://www.facs.nsw.gov.au/housing	Queanbeyan FACS Housing Office	Y	5
66	http://www.gnb.nsw.gov.au	Geographical Names Board of New South Wales (...	Y	4
67	https://www.facs.nsw.gov.au/families	Gosford Community Services Centre	Y	5
68	https://www.liquorandgaming.nsw.gov.au/	Liquor Gaming NSW	Y	5
69	http://www.publicguardian.justice.nsw.gov.au/	Public Guardian NSW	Y	4
70	https://www.tag.nsw.gov.au/	Trustee and Guardian, NSW	Y	4
71	https://www.hrb.revenue.nsw.gov.au/	Hardship Review Board	Y	5
72	https://www.environment.nsw.gov.au/	Hazardous Chemicals Advisory Committee	Y	5
73	http://www.hccc.nsw.gov.au/	Health Care Complaints Commission	Y	4
74	https://www.heti.nsw.gov.au/	Health Education and Training Institute NSW (...	Y	4
75	http://www.hinfra.health.nsw.gov.au/	Health Infrastructure	Y	5
76	https://www.hpca.nsw.gov.au/	Health Professional Councils Authority	Y	4
77	https://www.environment.nsw.gov.au/contact/He...	Heritage Council of NSW	Y	5
78	https://www.sira.nsw.gov.au/claiming-compensa...	Home Building Compensation Scheme	Y	5
79	http://www.hac.nsw.gov.au	Housing Appeals Committee	Y	5
80	http://www.hdc.nsw.gov.au/	Hunter Development Corporation	Y	4
81	https://www.pathology.health.nsw.gov.au	NSW Health Pathology	Y	4
82	https://www.icare.nsw.gov.au/	iCare (Insurance and Care NSW)	Y	-
83	http://www.icac.nsw.gov.au/	Independent Commission Against Corruption (IC...	Y	5
84	https://www.ipart.nsw.gov.au/Home	Independent Pricing and Regulatory Tribunal o...	Y	4
85	http://www.oiicac.nsw.gov.au	Inspector of the Independent Commission Again...	Y	4
86	http://www.industrialrelations.nsw.gov.au/	NSW Industrial Relations	Y	4
87	https://www.dpi.nsw.gov.au/	Primary Industries, Department of	Y	5
88	https://www.judcom.nsw.gov.au/	Judicial Commission, NSW	Y	4
89	https://www.lecc.nsw.gov.au/	Law Enforcement Conduct Commission	Y	5
90	http://www.legalaid.nsw.gov.au	Legal Aid NSW	Y	4
91	http://www.olg.nsw.gov.au/commissions-and-tri...	Local Government Grants Commission	Y	5
92	http://www.remtribunals.nsw.gov.au/local-gove...	Local Government Remuneration Tribunal	Y	4
93	http://www.olg.nsw.gov.au/	Local Government, Office of	Y	5
94	https://www.lls.nsw.gov.au/	Local Land Services	Y	5
95	https://www.longservice.nsw.gov.au/	Long Service Corporation	Y	4
96	http://www.lhib.nsw.gov.au	Lord Howe Island Board	Y	4
97	https://www.facs.nsw.gov.au/about/who/lahc	NSW Land and Housing Corporation	Y	5
98	nsw-lrc@justice.nsw.gov.au	NSW Law Reform Commission	Y	-
99	https://www.planning.nsw.gov.au/About-Us/Offi...	Office of Strategic Lands	Y	4
100	https://www.marine.nsw.gov.au/advisory-bodies...	Marine Estate Management Authority	Y	5
101	https://www.medicalradiationpracticecouncil.n...	Medical Radiation Practice Council of New Sou...	Y	4
102	https://www.mhrt.nsw.gov.au/the-tribunal/	Mental Health Review Tribunal	Y	5
103	http://mnclhd.health.nsw.gov.au/	Mid North Coast Local Health District	Y	5
104	https://multicultural.nsw.gov.au/	Multicultural NSW	Y	-
105	http://www.mlhd.health.nsw.gov.au/	Murrumbidgee Local Health District	Y	5
106	https://www.environment.nsw.gov.au/NPWS/NPWSA...	National Parks and Wildlife Advisory Council	Y	5
107	http://www.nrc.nsw.gov.au	Natural Resources Commission	Y	5
108	http://www.nbmlhd.health.nsw.gov.au/	Nepean Blue Mountains Local Health District	Y	4
109	http://www.nbmlhd.health.nsw.gov.au/community...	Nepean Blue Mountains, Community Health Facil...	Y	4
110	https://www.facs.nsw.gov.au/about/contact/hou...	Newcastle Public Housing office	Y	-
111	https://nnswlhd.health.nsw.gov.au/about/north...	Northern NSW LHD – Community Health	Y	4
112	https://nnswlhd.health.nsw.gov.au/	Northern NSW Local Health District	Y	4
113	https://www.nslhd.health.nsw.gov.au/	Northern Sydney Local Health District	Y	4
114	https://www.dpi.nsw.gov.au/biosecurity/weeds	Noxious Weeds Advisory Committee	Y	5
115	https://www.telco.nsw.gov.au/	NSW Government Telecommunications (Telco) Aut...	Y	5
116	https://www.nursingandmidwiferycouncil.nsw.go...	Nursing and Midwifery Council of New South Wa...	Y	4
117	http://publicworksadvisory.nsw.gov.au/	Public Works Advisory	Y	1
118	https://www.occupationaltherapycouncil.nsw.go...	Occupational Therapy Council of New South Wal...	Y	4
119	https://sport.nsw.gov.au/	Office of Sport, NSW	Y	4
120	https://www.ombo.nsw.gov.au/	Ombudsman, NSW	Y	4
121	https://www.optometrycouncil.nsw.gov.au/	Optometry Council of New South Wales	Y	4
122	https://www.osteopathycouncil.nsw.gov.au/	Osteopathy Council of New South Wales	Y	4
123	http://www.psc.gov.au	Professional Standards Councils, Office of th...	Y	5
124	https://www.sopa.nsw.gov.au/	Sydney Olympic Park Authority	Y	4
125	https://www.industry.nsw.gov.au/water	Water, NSW Office of	Y	5
126	https://www.pco.nsw.gov.au/	Parliamentary Counsel's Office	Y	4
127	https://www.pharmacycouncil.nsw.gov.au/	Pharmacy Council of New South Wales	Y	4
128	https://www.physiotherapycouncil.nsw.gov.au/	Physiotherapy Council of New South Wales	Y	4
129	https://www.property.nsw.gov.au/	Place Management NSW	Y	4
130	https://www.podiatrycouncil.nsw.gov.au/	Podiatry Council of New South Wales	Y	4
131	http://www.police.nsw.gov.au/about_us	Police Force, NSW	Y	5
132	http://www.wollongong.nsw.gov.au/library/onli...	Port Kembla Port Corporation	Y	4
133	https://www.psychologycouncil.nsw.gov.au/	Psychology Council of New South Wales	Y	4
134	https://www.facs.nsw.gov.au/myhousing	Public Housing	Y	5
135	https://www.psc.nsw.gov.au/	Public Service Commission	Y	4
136	https://www.industry.nsw.gov.au/about/our-bus...	Office of Racing	Y	5
137	http://www.rch.nsw.gov.au/	Registrar of Community Housing	Y	5
138	https://www.fairtrading.nsw.gov.au/associatio...	Registry Services	Y	5
139	https://www.revenue.nsw.gov.au/	Revenue NSW	Y	5
140	https://www.rbgsyd.nsw.gov.au/	Royal Botanic Gardens and Domain Trust, The	Y	5
141	https://www.slhd.nsw.gov.au/rpa/	Royal Prince Alfred Hospital, RPA Camperdown	Y	1
142	https://www.raa.nsw.gov.au/	Rural Assistance Authority, NSW	Y	5
143	https://www.rfs.nsw.gov.au/	Rural Fire Service, NSW	Y	4
144	https://www.safework.nsw.gov.au/	SafeWork NSW	Y	5
145	https://www.statesuper.nsw.gov.au/	SAS Trustee Corporation (State Super)	Y	4
146	https://www.environment.nsw.gov.au/topics/ani...	Scientific Committee, NSW	Y	5

147	http://www.correctiveservices.justice.nsw.gov...	Serious Offenders Review Council	Y	4
148	https://www.service.nsw.gov.au	Service NSW	Y	4
149	https://www.seslhd.health.nsw.gov.au/	South Eastern Sydney Local Health District	Y	4
150	https://www.swslhd.health.nsw.gov.au/	South Western Sydney Local Health District	Y	4
151	http://www.snswlhd.health.nsw.gov.au/	Southern NSW Local Health District	Y	5
152	https://sportandrecreation.nsw.gov.au/	Sport and Recreation	Y	4
153	https://www.icare.nsw.gov.au/treatment-and-ca...	Sporting Injuries Insurance Scheme	Y	-
154	https://www.health.nsw.gov.au/lhd/pages/defau...	St Vincent's Health Network	Y	4
155	https://www.ses.nsw.gov.au	State Emergency Service (SES) NSW	Y	4
156	http://www.sira.nsw.gov.au	State Insurance Regulatory Authority (SIRA)	Y	5
157	https://www.sl.nsw.gov.au/	State Library of NSW	Y	4
158	https://www.records.nsw.gov.au/	State Records Authority (NSW)	Y	5
159	http://www.subsidenceadvisory.nsw.gov.au/	Subsidence Advisory NSW	Y	5
160	https://www.spatial.nsw.gov.au/	Surveyor General of NSW	Y	4
161	https://www.seslhd.health.nsw.gov.au/sydney-e...	Sydney Hospital and Sydney Eye Hospital	Y	4
162	https://www.slhd.nsw.gov.au/	Sydney Local Health District	Y	4
163	http://www.tcorp.nsw.gov.au/	NSW Treasury Corporation (TCorp)	Y	5
164	http://www.property.nsw.gov.au	Teacher Housing Authority NSW	Y	4
165	https://www.treasury.nsw.gov.au/	The Treasury	Y	4
166	http://www.otsi.nsw.gov.au	Transport Safety Investigations, Office of	Y	5
167	http://www.ugdc.nsw.gov.au/	UrbanGrowth NSW Development Corporation	Y	4
168	https://www.volunteering.nsw.gov.au/	NSW Volunteering	Y	5
169	https://www.veterans.nsw.gov.au/	Office for Veterans Affairs	Y	4
170	http://www.valuergeneral.nsw.gov.au/	Office of the Valuer General	Y	4
171	https://www.vpb.nsw.gov.au/	Veterinary Practitioners Board, NSW	Y	4
172	https://www.skillsboard.nsw.gov.au/	Vocational Education and Training, NSW Board ...	Y	1
173	https://www.icare.nsw.gov.au	Dust Diseases Care – Workers' Compensation (D...	Y	-
174	https://wnswlhd.health.nsw.gov.au/	Western NSW Local Health District	Y	4
175	http://www.wslhd.health.nsw.gov.au	Western Sydney Local Health District	Y	4
176	https://www.women.nsw.gov.au	Women NSW	Y	5
177	https://www.wcc.nsw.gov.au/	Workers Compensation Commission	Y	5
178	http://youth.nsw.gov.au/youth-advisory-counci...	Youth Advisory Council	Y	5
179	http://www.bhi.nsw.gov.au/	Bureau of Health Information	N	-
180	http://www.schn.health.nsw.gov.au/	Children's Hospital at Westmead, The	N	-
181	http://www.cec.health.nsw.gov.au/	Clinical Excellence Commission	N	-
182	http://www.cobar.nsw.gov.au/index.php/enginee...	Cobar Water Board	N	-
183	http://www.coroners.justice.nsw.gov.au/	Forensic Medicine and Coroners Court Complex	N	-
184	http://www.schn.health.nsw.gov.au	Sydney Children's Hospitals Network (Randwick...	N	-
185	http://www.ehealth.nsw.gov.au/	eHealth NSW	N	-
186	http://www.fwlhd.health.nsw.gov.au	Far West Local Health District	N	-
187	http://www.healthshare.nsw.gov.au/	HealthShare NSW	N	-
188	http://www.localcourt.justice.nsw.gov.au/Page...	Holbrook Court House	N	-
189	http://www.hnehealth.nsw.gov.au/Pages/home.as...	Hunter New England Local Health District	N	-
190	http://www.islhd.health.nsw.gov.au/	Illawarra Shoalhaven Local Health District	N	-
191	http://www.irc.justice.nsw.gov.au/	Industrial Relations Commission of NSW	N	-
192	http://www.infrastructure.nsw.gov.au	Infrastructure New South Wales (iNSW)	N	-
193	http://www.juvenile.justice.nsw.gov.au/	Juvenile Justice NSW	N	-
194	http://www.lpab.justice.nsw.gov.au/	Legal Profession Admission Board	N	-
195	http://www.olsc.nsw.gov.au/	Legal Services Commissioner, Office of the	N	-
196	http://www.courts.justice.nsw.gov.au/Pages/ca...	Sheriff, Office of the	N	-
197	http://www.paroleauthority.nsw.gov.au	NSW State Parole Authority	N	-
198	http://www.sentencingcouncil.justice.nsw.gov....	NSW Sentencing Council	N	-
199	http://www.infrastructure.nsw.gov.au/about-us...	UrbanGrowth NSW	N	-
200	http://www.barangaroo.nsw.gov.au	Barangaroo Delivery Authority	-	-
201	http://www.ccrdc.nsw.gov.au	Central Coast Regional Development Corporatio...	-	-
202	http://www.islhd.health.nsw.gov.au/Services/C...	Illawarra Shoalhaven Community Health Centres	-	-
203	ORG- Admin@finance.nsw.gov.au	Office of the Registrar General	-	-
204	PHCMB@doh.health.nsw.gov.au	Private Health Facilities Advisory Committee	-	-
205	nswirc@agd.nsw.gov.au	Transport Appeal Boards (TAB)	-	-

VIC: Victoria government websites

(Obtained from https://discover.data.vic.gov.au/dataset/victorian-government-directory-organisations)

ID	Webpage URL	Description	HTTPS?	Score
1	https://www.justice.vic.gov.au	Aboriginal Justice	Y	4
2	https://www.aboriginalvictoria.vic.gov.au/	Aboriginal Victoria	Y	5
3	https://www.conciliation.vic.gov.au/	Accident Compensation Conciliation Service	Y	4
4	https://www.adultparoleboard.vic.gov.au/	Adult Parole Board of Victoria	Y	5
5	https://www.education.vic.gov.au/training/pro...	Adult, Community and Further Education Board	Y	4
6	https://creative.vic.gov.au/about/what-we-do	Agencies and Infrastructure	Y	-
7	http://agriculture.vic.gov.au	Agriculture Victoria	Y	-
8	http://www.arcc.vic.gov.au/	Alpine Resorts Coordinating Council	Y	4
9	https://www.ambulance.vic.gov.au	Ambulance Victoria	Y	4
10	http://agriculture.vic.gov.au/agriculture/ani...	Animal Welfare Advisory Committee	N	-
11	https://www.justice.vic.gov.au/contact-us/app...	Appeal Costs Board	Y	4
12	http://agriculture.vic.gov.au/about-us/contac...	Ararat	N	-
13	https://www.corrections.vic.gov.au/find-a-com...	Ararat CCS	Y	4
14	https://www.childrenscourt.vic.gov.au/about-u...	Ararat Children's Court	Y	4
15	http://www.vicroads.vic.gov.au/	Ararat Customer Service Centre	Y	5
16	http://www.coronerscourt.vic.gov.au	Ararat Law Court - Coroners Court	Y	4
17	https://www.mcv.vic.gov.au/court/ararat-magis...	Ararat Magistrates' Court	Y	4
18	https://dhhs.vic.gov.au/ararat-office	Ararat office	Y	5
19	https://www.arbv.vic.gov.au/	Architects Registration Board of Victoria	Y	5
20	https://www.ari.vic.gov.au	Arthur Rylah Institute for Environmental Rese...	Y	5
21	https://www.supremecourt.vic.gov.au/about-the...	Associate Judges	Y	5
22	https://www.mcv.vic.gov.au/court/bacchus-mars...	Bacchus Marsh Magistrates' Court	Y	4
23	https://www.countycourt.vic.gov.au/contact-us...	Bairnsdale County Court	Y	4

24	https://www.mcv.vic.gov.au/court/bairnsdale-m...	Bairnsdale Magistrates' Court	Y	4
25	https://dhhs.vic.gov.au/bairnsdale-office	Bairnsdale office	Y	5
26	https://www.consumer.vic.gov.au/contact-us	Ballarat	Y	4
27	https://www.prov.vic.gov.au/about-us	Ballarat Archives Centre	Y	4
28	https://www.countycourt.vic.gov.au/contact-us...	Ballarat County Court	Y	4
29	http://www.coronerscourt.vic.gov.au/	Ballarat Law Court - Coroners Court	Y	4
30	https://www.mcv.vic.gov.au/court/ballarat-mag...	Ballarat Magistrates' Court	Y	4
31	https://www.worksafe.vic.gov.au/find-worksafe...	Ballarat Office	Y	5
32	https://www.sro.vic.gov.au	Ballarat Office	Y	5
33	http://www.rdv.vic.gov.au/about-rdv/contacts-...	Ballarat Regional Business Centre	Y	5
34	https://dhhs.vic.gov.au/ballarat-office-state...	Ballarat office	Y	5
35	https://www.corrections.vic.gov.au/prisons/ba...	Barwon Prison	Y	4
36	http://www.legalaid.vic.gov.au/	Barwon Regional Office	Y	4
37	https://www.justice.vic.gov.au/service-locati...	Barwon South West	Y	4
38	http://www2.delwp.vic.gov.au/communities-and-...	Barwon South West	Y	5
39	https://www2.delwp.vic.gov.au/	Barwon South West	Y	5
40	https://www.planning.vic.gov.au/	Barwon South West Region - Planning	Y	5
41	https://www.bswwrrg.vic.gov.au	Barwon South West Waste and Resource Recovery...	Y	4
42	https://www.barwonwater.vic.gov.au/	Barwon Water	Y	5
43	https://www.corrections.vic.gov.au/prisons/be...	Beechworth Correctional Centre	Y	4
44	https://www.mcv.vic.gov.au/court/benalla-magi...	Benalla Magistrates' Court	Y	4
45	https://dhhs.vic.gov.au/benalla-office	Benalla office	Y	5
46	https://www.countycourt.vic.gov.au/contact-us...	Bendigo County Court	Y	4
47	https://www.mcv.vic.gov.au/court/bendigo-magi...	Bendigo Magistrates' Court	Y	4
48	https://www.prov.vic.gov.au	Bendigo Regional Archives Centre	Y	4
49	https://dhhs.vic.gov.au/bendigo-office	Bendigo office	Y	5
50	https://www.vic.gov.au/better-regulation-vict...	Better Regulation Victoria	Y	5
51	https://dhhs.vic.gov.au/box-hill-office	Box Hill office	Y	5
52	https://www.childrenscourt.vic.gov.au/about-u...	Broadmeadows Children's Court	Y	4
53	https://www.mcv.vic.gov.au/about/koori-court	Broadmeadows Koori Court	Y	4
54	https://www.mcv.vic.gov.au/court/broadmeadows...	Broadmeadows Magistrates' Court	Y	4
55	https://dhhs.vic.gov.au/broadmeadows-office	Broadmeadows office	Y	5
56	https://www.dtf.vic.gov.au	Budget Strategy	Y	5
57	https://www.vba.vic.gov.au/about/building-reg...	Building Regulations Advisory Committee	Y	4
58	https://www.vic.gov.au/bushfire-recovery-vict...	Bushfire Recovery Victoria	Y	5
59	https://www.consumer.vic.gov.au/bla	Business Licensing Authority	Y	4
60	https://www.cfa.vic.gov.au/contact	CFA Training College - Bangholme Campus	Y	5
61	https://www.mcv.vic.gov.au/court/castlemaine-...	Castlemaine Magistrates' Court	Y	4
62	https://www.water.vic.gov.au/waterways-and-ca...	Catchment Management Authorities	Y	5
63	https://www.water.vic.gov.au	Catchments, Waterways, Cities and Towns	Y	5
64	https://www.cenitex.vic.gov.au	CenITex	Y	5
65	https://www.ses.vic.gov.au/who-we-are/contact...	Central (Melbourne Metropolitan) - Central Of...	Y	4
66	http://www.parks.vic.gov.au	Central Regional Office	Y	5
67	https://www.epa.vic.gov.au	Centre for Environmental Sciences	Y	4
68	https://dhhs.vic.gov.au/cheltenham-office	Cheltenham office	Y	5
69	https://www2.health.vic.gov.au/about/key-staf...	Chief Health Officer	Y	4
70	https://transport.vic.gov.au/about/chief-inve...	Chief Investigator, Transport Safety	Y	4
71	http://dhhs.vic.gov.au	Child, Family and Community Health	Y	5
72	https://dhhs.vic.gov.au	Children and Families	Y	5
73	https://www.childrenscourt.vic.gov.au	Children's Court of Victoria	Y	4
74	https://www.education.vic.gov.au/about/depart...	Children's Services Coordination Board	Y	4
75	https://www.vic.gov.au/cladding-safety	Cladding Safety Victoria	Y	5
76	https://www.climatechange.vic.gov.au	Climate Change	Y	5
77	https://www.mcv.vic.gov.au/court/cobram-magis...	Cobram Magistrates' Court	Y	4
78	https://www.mcv.vic.gov.au/court/colac-magist...	Colac Magistrates' Court	Y	4
79	https://dhhs.vic.gov.au/colac-office	Colac office	Y	5
80	https://www.supremecourt.vic.gov.au/law-and-p...	Commercial Court	Y	5
81	https://cpv.vic.gov.au/	Commercial Passenger Vehicles Victoria	Y	4
82	https://ccyp.vic.gov.au	Commission for Children and Young People	Y	4
83	http://www.parliament.vic.gov.au/committees	Committee Services Office	Y	4
84	https://www.forestsandreserves.vic.gov.au/lan...	Committees of Management for Crown Land Reser...	Y	5
85	https://www.supremecourt.vic.gov.au/law-and-p...	Common Law Division	Y	5
86	http://www.countycourt.vic.gov.au/civil-juris...	Common Law Division	Y	4
87	https://www.vec.vic.gov.au/About/	Communications, Education Research Branch	Y	5
88	https://www.corrections.vic.gov.au/community-...	Community Correctional Services (CCS)	Y	4
89	https://www.crimeprevention.vic.gov.au	Community Crime Prevention	Y	5
90	https://www.vic.gov.au/competitive-neutrality	Competitive Neutrality	Y	5
91	https://bettersafercare.vic.gov.au/about-us/a...	Consultative Council on Anaesthetic Mortality...	Y	5
92	https://bettersafercare.vic.gov.au/about-us/a...	Consultative Council on Obstetric and Paediat...	Y	5
93	https://www.consumer.vic.gov.au	Consumer Affairs Victoria	Y	4
94	http://www.ccma.vic.gov.au/	Corangamite Catchment Management Authority	Y	5
95	https://www.coronerscourt.vic.gov.au/	Coroners Court of Victoria	Y	4
96	https://www.justice.vic.gov.au/contact-us/cor...	Coronial Council of Victoria	Y	4
97	https://www.justice.vic.gov.au/	Corporate Governance and Support	Y	4
98	https://djpr.vic.gov.au/about-us/overview/org...	Corporate Services	Y	5
99	https://www.corrections.vic.gov.au/	Corrections and Justice Services	Y	4
100	https://www.mcv.vic.gov.au/court/corryong-mag...	Corryong Magistrates' Court	Y	4
101	https://www.supremecourt.vic.gov.au/law-and-p...	Costs Court	Y	5
102	https://www.cfa.vic.gov.au	Country Fire Authority	Y	5
103	https://www.countycourt.vic.gov.au/	County Court of Victoria	Y	4
104	https://www.courts.vic.gov.au/	Court Services Victoria	Y	4
105	https://www.supremecourt.vic.gov.au/law-and-p...	Court of Appeal Registry	Y	5
106	http://www.courts.vic.gov.au/	Courts and Tribunals	Y	4
107	https://creative.vic.gov.au	Creative Victoria	Y	5
108	https://www.crimestatistics.vic.gov.au	Crime Statistics Agency	Y	5
109	http://www.childrenscourt.vic.gov.au/jurisdic...	Criminal Division	Y	4
110	https://www.countycourt.vic.gov.au/going-cour...	Criminal Division	Y	4
111	https://www.supremecourt.vic.gov.au/law-and-p...	Criminal Divison	Y	5
112	https://www.justice.vic.gov.au/contact-us/cro...	Crown Counsel	Y	4
113	http://www.justice.vic.gov.au	Crown Counsel (Advisings)	Y	4
114	http://www.dairysafe.vic.gov.au/	Dairy Food Safety Victoria	Y	5

115	https://www.corrections.vic.gov.au/prisons/da...	Dame Phyllis Frost Centre	Y	4
116	https://www.mcv.vic.gov.au/court/dandenong-ma...	Dandenong Magistrates' Court	Y	4
117	https://dhhs.vic.gov.au/dandenong-office	Dandenong office	Y	5
118	https://www.education.vic.gov.au	Department of Education and Training	Y	4
119	https://www2.delwp.vic.gov.au	Department of Environment, Land, Water and Pl...	Y	5
120	https://djpr.vic.gov.au/	Department of Jobs, Precincts and Regions	Y	5
121	https://parliament.vic.gov.au/about/parliamen...	Department of Parliamentary Services	Y	4
122	https://www.vic.gov.au/department-premier-and...	Department of Premier and Cabinet	Y	5
123	https://transport.vic.gov.au	Department of Transport	Y	4
124	https://www.parliament.vic.gov.au/assembly/de...	Department of the Legislative Assembly	Y	4
125	https://www.parliament.vic.gov.au/council	Department of the Legislative Council	Y	4
126	http://www.development.vic.gov.au	Development Victoria	Y	5
127	https://www.corrections.vic.gov.au/prisons/dh...	Dhurringile Prison	Y	4
128	https://www.odsc.vic.gov.au	Disability Services Commissioner	Y	4
129	https://www.mpb.vic.gov.au/dab/Pages/default....	Disciplinary Appeals Boards	Y	4
130	https://www.parliament.vic.gov.au/dispute-res...	Dispute Resolution Committee	Y	4
131	https://www.disputes.vic.gov.au	Dispute Settlement Centre of Victoria	Y	5
132	http://agriculture.vic.gov.au/agriculture/ani...	Domestic Animal Management Implementation Com...	N	-
133	https://dbdrv.vic.gov.au	Domestic Building Dispute Resolution Victoria	Y	4
134	https://www.mcv.vic.gov.au/court/dromana-magi...	Dromana Magistrates' Court	Y	4
135	https://www.mcv.vic.gov.au/about__us/drug-cour...	Drug Court of Victoria	Y	4
136	https://www2.health.vic.gov.au/public-health/...	Drugs and Poisons Regulation	Y	4
137	https://www.education.vic.gov.au/about/depart...	Early Childhood and School Education Group	Y	4
138	https://www.ses.vic.gov.au/who-we-are/contact...	East (Gippsland) - East Office - Bairnsdale	Y	4
139	https://dhhs.vic.gov.au/our-organisation	East Division	Y	5
140	https://www.egwater.vic.gov.au/	East Gippsland Water	Y	4
141	https://www.mcv.vic.gov.au/court/echuca-magis...	Echuca Magistrates' Court	Y	4
142	https://dhhs.vic.gov.au/echuca-office	Echuca office	Y	5
143	https://www.vic.gov.au/dpc-structure-organisa...	Economic Policy and State Productivity	Y	5
144	https://www.parliament.vic.gov.au/eic-lc	Economy and Infrastructure Committee	Y	4
145	https://www.parliament.vic.gov.au/eic-la	Economy and Infrastructure Committee	Y	4
146	https://www.mcv.vic.gov.au/court/edenhope-mag...	Edenhope Magistrates' Court	Y	4
147	http://www.ebc.vic.gov.au/	Electoral Boundaries Commission	N	-
148	https://www.parliament.vic.gov.au/emc	Electoral Matters	Y	4
149	https://www.energy.vic.gov.au	Electric Line Clearance Consultative Committe...	Y	5
150	https://www2.health.vic.gov.au/emergencies	Emergency Management	Y	4
151	https://www.emv.vic.gov.au	Emergency Management Victoria	Y	5
152	https://www.esta.vic.gov.au	Emergency Services Telecommunications Authori...	Y	5
153	https://www.esv.vic.gov.au/	Energy Safe Victoria	Y	4
154	https://www.vic.gov.au/enterprise-solutions	Enterprise Solutions	Y	5
155	https://www.parliament.vic.gov.au/epc-la	Environment and Planning Committee	Y	4
156	https://www.parliament.vic.gov.au/epc-lc	Environment and Planning Committee	Y	4
157	http://www.energyandresources.vic.gov.au/	Equipment Advisory Committee	Y	1
158	https://www.esc.vic.gov.au	Essential Services Commission	Y	4
159	https://www.consumer.vic.gov.au/estateagentsc...	Estate Agents Council	Y	4
160	https://governor.vic.gov.au/history/governmen...	Executive Council	Y	4
161	http://www.childrenscourt.vic.gov.au/jurisdic...	Family Division	Y	4
162	https://www.vic.gov.au/family-safety-victoria	Family Safety Victoria	Y	5
163	https://www.film.vic.gov.au	Film Victoria	Y	4
164	https://www.justice.vic.gov.au/justice-system...	Fines and Enforcement Services	Y	4
165	https://www.vic.gov.au/fire-services-reform	Fire Rescue Victoria	Y	5
166	https://www.justice.vic.gov.au/contact-us/fir...	Firearms Appeals Committee	Y	4
167	http://agriculture.vic.gov.au/fisheries	Fisheries Revenue Allocation Committee	Y	5
168	https://dhhs.vic.gov.au/fitzroy-office	Fitzroy office	Y	5
169	https://www2.health.vic.gov.au/public-health/...	Food Safety Council	Y	4
170	https://dhhs.vic.gov.au/footscray-office	Footscray office	Y	5
171	https://www2.health.vic.gov.au/mental-health/...	Forensic Leave Panel	Y	-
172	http://www.forensicare.vic.gov.au/	Forensicare (Victorian Institute of Forensic ...	Y	4
173	https://www.ffm.vic.gov.au	Forest, Fire and Regions	Y	5
174	https://www.planning.vic.gov.au	Forward Policy Business Strategy	Y	5
175	https://www.mcv.vic.gov.au/court/frankston-ma...	Frankston Magistrates' Court	Y	4
176	https://dhhs.vic.gov.au/frankston-office	Frankston office	Y	5
177	http://www.police.vic.gov.au/content.asp?Docu...	Freedom of Information	Y	5
178	https://www.corrections.vic.gov.au/prisons/fu...	Fulham Correctional Centre	Y	4
179	http://www.gma.vic.gov.au/	Game Management Authority	Y	5
180	https://www.countycourt.vic.gov.au/contact-us...	Geelong County Court	Y	4
181	https://www.mcv.vic.gov.au/court/geelong-magi...	Geelong Magistrates' Court	Y	4
182	https://dhhs.vic.gov.au/geelong-office	Geelong office	Y	5
183	https://www.propertyandlandtitles.vic.gov.au/...	Geographic Place Names Advisory Panel	Y	5
184	https://www.justice.vic.gov.au/service-locati...	Gippsland	Y	4
185	http://www.gwrrg.vic.gov.au	Gippsland Waste and Resource Recovery Group	N	-
186	http://agriculture.vic.gov.au/agriculture/pes...	Gippsland Wild Dog Management Group	N	-
187	http://www.esv.vic.gov.au/	Glen Waverley Office	Y	4
188	https://www.ghcma.vic.gov.au/	Glenelg Hopkins Catchment Management Authorit...	Y	5
189	http://trade.vic.gov.au	Global Victoria	Y	5
190	https://www.gbcma.vic.gov.au	Goulburn Broken Catchment Management Authorit...	Y	4
191	http://www.gvwrrg.vic.gov.au	Goulburn Valley Waste and Resource Recovery G...	Y	4
192	https://www.gvwater.vic.gov.au/	Goulburn Valley Water	Y	4
193	https://www.governor.vic.gov.au/	Governor of Victoria	Y	4
194	https://www.justice.vic.gov.au/service-locati...	Grampians	Y	4
195	http://gcwwrrg.vic.gov.au	Grampians Central West Waste and Resource Rec...	Y	-
196	https://vpa.vic.gov.au/greenfield/growth-area...	Growth Areas Infrastructure Contribution Hard...	Y	4
197	https://www.mcv.vic.gov.au/court/hamilton-mag...	Hamilton Magistrates' Court	Y	4
198	https://dhhs.vic.gov.au/hamilton-office	Hamilton office	Y	5
199	https://hcc.vic.gov.au	Health Complaints Commissioner	Y	4
200	https://www.mcv.vic.gov.au/court/heidelberg-m...	Heidelberg Magistrates' Court	Y	4
201	http://heritagecouncil.vic.gov.au	Heritage Council of Victoria	Y	5
202	https://www.heritage.vic.gov.au/about-heritag...	Heritage Victoria	Y	5
203	https://www.mcv.vic.gov.au/court/hopetoun-mag...	Hopetoun Magistrates' Court	Y	4
204	https://www.corrections.vic.gov.au/prisons/ho...	Hopkins Correctional Centre	Y	4
205	https://www.countycourt.vic.gov.au/contact-us...	Horsham County Court	Y	4

206	https://www.mcv.vic.gov.au/court/horsham-magi...	Horsham Magistrates' Court	Y	4
207	https://dhhs.vic.gov.au/horsham-office	Horsham office	Y	5
208	https://www.justice.vic.gov.au/service-locati...	Hume	Y	4
209	https://www.ibac.vic.gov.au/	Independent Broad-based Anti-corruption Commi...	Y	5
210	http://www.schoolresolution.vic.gov.au/Pages/...	Independent Office for School Dispute Resolut...	Y	4
211	https://www.vic.gov.au/industrial-relations-v...	Industrial Relations Victoria	Y	5
212	https://www.dtf.vic.gov.au/our-people/our-str...	Infrastructure Delivery	Y	5
213	https://www.mcv.vic.gov.au/criminal-matters/d...	Infringements Court	Y	4
214	https://www.igem.vic.gov.au	Inspector-General for Emergency Management	Y	5
215	https://www.parliament.vic.gov.au/ioc	Integrity and Oversight	Y	4
216	https://djpr.vic.gov.au/priority-industries-s...	International Education	Y	4
217	http://www.study.vic.gov.au/	International Education	Y	4
218	https://www.parliament.vic.gov.au/committees/...	Joint Investigatory Committees	Y	4
219	https://www.judicialcommission.vic.gov.au/	Judicial Commission of Victoria	Y	5
220	https://www.corrections.vic.gov.au/prisons/ju...	Judy Lazarus Transition Centre	Y	4
221	https://www.juriesvictoria.vic.gov.au	Juries Commissioner's Office	Y	5
222	https://www.corrections.vic.gov.au/justice-he...	Justice Health	Y	4
223	https://www.mcv.vic.gov.au/court/kerang-magis...	Kerang Magistrates' Court	Y	4
224	https://www.justice.vic.gov.au/contact-us/koo...	Koori Justice	Y	4
225	https://www.mcv.vic.gov.au/court/korumburra-m...	Korumburra Magistrates' Court	Y	4
226	https://www.mcv.vic.gov.au/court/kyneton-magi...	Kyneton Magistrates' Court	Y	4
227	https://labourhireauthority.vic.gov.au/	Labour Hire Authority	Y	5
228	http://www.childrenscourt.vic.gov.au/about-us...	Lakes Entrance Children's Court	Y	4
229	https://www.forestsandreserves.vic.gov.au	Land Management Policy	Y	5
230	https://www.propertyandlandtitles.vic.gov.au	Land Registry Services	Y	5
231	http://www.dtf.vic.gov.au/	Land Tax Hardship Relief Board	Y	5
232	https://www.corrections.vic.gov.au/prisons/la...	Langi Kal Kal Prison	Y	4
233	https://lva.vic.gov.au	Latrobe Valley Authority	Y	5
234	https://www.countycourt.vic.gov.au/contact-us...	Latrobe Valley County Court (Morwell)	Y	4
235	https://www.mcv.vic.gov.au/court/latrobe-vall...	Latrobe Valley Magistrates' Court	Y	4
236	https://lsbc.vic.gov.au/	Legal Services Board	Y	5
237	https://www.parliament.vic.gov.au/lsic-la	Legal and Social Issues Committee	Y	4
238	https://www.parliament.vic.gov.au/lsic-lc	Legal and Social Issues Committee	Y	4
239	http://www.parliament.vic.gov.au/committees/l...	Legislative Assembly Committees	Y	4
240	https://dhhs.vic.gov.au/leongatha-office	Leongatha office	Y	5
241	https://levelcrossings.vic.gov.au	Level Crossing Removal Authority	Y	4
242	http://www.police.vic.gov.au/content.asp?Docu...	Licensing Services Division	Y	5
243	https://www.lgi.vic.gov.au	Local Government Inspectorate	Y	5
244	https://www.localgovernment.vic.gov.au	Local Government Victoria	Y	5
245	https://www.propertyandlandtitles.vic.gov.au/	Local Infrastructure	Y	5
246	https://www.justice.vic.gov.au/service-locati...	Loddon Mallee	Y	4
247	http://lmwrrg.vic.gov.au	Loddon Mallee Waste and Resource Recovery Gro...	Y	5
248	https://www.corrections.vic.gov.au/prisons/lo...	Loddon Prison Precinct (Middleton)	Y	4
249	https://www.lmw.vic.gov.au/	Lower Murray Water	Y	4
250	https://www.mcv.vic.gov.au/	Magistrates' Court of Victoria	Y	4
251	https://roadprojects.vic.gov.au	Major Road Projects Authority	Y	4
252	https://bigbuild.vic.gov.au/	Major Transport Infrastructure Authority	Y	4
253	https://www.mcv.vic.gov.au/court/mansfield-ma...	Mansfield Magistrates' Court	Y	4
254	http://agriculture.vic.gov.au/fisheries/educa...	Marine and Freshwater Discovery Centre	Y	5
255	https://www.corrections.vic.gov.au/prisons/ma...	Marngoneet Correctional Centre	Y	4
256	https://www.mcv.vic.gov.au/court/maryborough-...	Maryborough Magistrates' Court	Y	4
257	https://www.medicalpanels.vic.gov.au/	Medical Panels	Y	5
258	https://www.corrections.vic.gov.au/prisons/me...	Melbourne Assessment Prison	Y	4
259	https://www.mhcc.vic.gov.au	Mental Health Complaints Commissioner	Y	4
260	http://www.mht.vic.gov.au	Mental Health Tribunal	Y	5
261	https://www.mpb.vic.gov.au/	Merit Protection Boards	Y	4
262	https://metrotunnel.vic.gov.au	Metro Tunnel	Y	4
263	http://www.mfb.vic.gov.au/	Metropolitan Fire Emergency Services Appeals...	Y	5
264	https://www.corrections.vic.gov.au/prisons/me...	Metropolitan Remand Centre	Y	4
265	https://www.mwrrg.vic.gov.au	Metropolitan Waste and Resource Recovery Grou...	Y	4
266	https://www.ses.vic.gov.au/who-we-are/contact...	Mid West (Grampians) - Mid West Office - Hors...	Y	4
267	https://www.countycourt.vic.gov.au/contact-us...	Mildura County Court	Y	4
268	https://www.mcv.vic.gov.au/court/mildura-magi...	Mildura Magistrates' Court	Y	4
269	https://dhhs.vic.gov.au/mildura-office	Mildura office	Y	5
270	https://www.mcv.vic.gov.au/court/moorabbin-ju...	Moorabbin Justice Centre	Y	4
271	https://dhhs.vic.gov.au/morwell-office	Morwell office	Y	5
272	https://www.consumer.vic.gov.au/about-us/who-...	Motor Car Traders Claims Committee	Y	-
273	https://www.worksafe.vic.gov.au/find-worksafe...	Mulgrave Office	Y	5
274	https://www.policemuseum.vic.gov.au/museum-sh...	Museum Gift Shop	Y	5
275	https://www.mcv.vic.gov.au/court/myrtleford-m...	Myrtleford Magistrates' Court	Y	4
276	https://www.ngv.vic.gov.au	NGV International	Y	5
277	http://agriculture.vic.gov.au/agriculture/liv...	National Livestock Identification System Impl...	Y	4
278	https://www.forestsandreserves.vic.gov.au/lan...	National Parks Advisory Council	Y	5
279	https://www.justice.vic.gov.au/contact-us/nat...	Native Title and Traditional Owner settlement...	Y	4
280	https://www.neighbourhoodjustice.vic.gov.au	Neighbourhood Justice Centre	Y	5
281	https://www.mcv.vic.gov.au/court/nhill-magist...	Nhill Magistrates' Court	Y	4
282	http://www.nccma.vic.gov.au/	North Central Catchment Management Authority	N	-
283	https://www.ses.vic.gov.au/who-we-are/contact...	North East (Hume) - North East Office - Benal...	Y	4
284	https://www.necma.vic.gov.au/	North East Catchment Management Authority	Y	4
285	https://northeastlink.vic.gov.au/	North East Link Authority	Y	4
286	http://www.newrrg.vic.gov.au	North East Waste and Resource Recovery Group	Y	5
287	https://www.education.vic.gov.au/about/depart...	North Eastern Victoria Region	Y	4
288	https://www.ses.vic.gov.au/who-we-are/contact...	North West (Loddon Mallee) - North West Offic...	Y	4
289	https://www.justice.vic.gov.au/service-locati...	North West Metropolitan - Broadmeadows Region...	Y	4
290	https://dhhs.vic.gov.au/office-disability	Office for Disability	Y	5
291	https://www2.health.vic.gov.au/public-health/...	Office of Medicinal Cannabis	Y	4
292	https://www.dhhs.vic.gov.au/office-profession...	Office of Professional Practice / Chief Pract...	Y	5
293	http://www.opp.vic.gov.au/	Office of Public Prosecutions Victoria	Y	1
294	https://www.suburbandevelopment.vic.gov.au/	Office of Suburban Development	Y	5
295	https://www.propertyandlandtitles.vic.gov.au/...	Office of Surveyor-General	Y	5
296	https://www.secv.vic.gov.au	Office of the Administrator (SECV, Vicpower T...	Y	3

297	http://www.ocpc.vic.gov.au/	Office of the Chief Parliamentary Counsel Vic...	Y	5
298	https://www.justice.vic.gov.au/rentingcommiss...	Office of the Commissioner for Residential Te...	Y	4
299	https://governor.vic.gov.au/victorias-governo...	Office of the Governor	Y	4
300	https://djpr.vic.gov.au/victorias-lead-scient...	Office of the Lead Scientist	Y	5
301	https://www.localjobsfirst.vic.gov.au/commiss...	Office of the Local Jobs First Commissioner	Y	5
302	https://earthresources.vic.gov.au/about-us/vi...	Office of the Mining Warden	Y	5
303	https://www.publicadvocate.vic.gov.au	Office of the Public Advocate	Y	5
304	https://www.racingintegrity.vic.gov.au	Office of the Racing Integrity Commissioner	Y	5
305	https://cameracommissioner.vic.gov.au/	Office of the Road Safety Camera Commissioner	Y	5
306	https://www.ovga.vic.gov.au	Office of the Victorian Government Architect	Y	5
307	https://ovic.vic.gov.au/	Office of the Victorian Information Commissio...	Y	5
308	https://www.mcv.vic.gov.au/court/omeo-magistr...	Omeo Magistrates' Court	Y	4
309	https://www.mcv.vic.gov.au/court/orbost-magis...	Orbost Magistrates' Court	Y	4
310	https://www.dhhs.vic.gov.au	Organisational Transformation	Y	5
311	https://www.mcv.vic.gov.au/court/ouyen-magist...	Ouyen Magistrates' Court	Y	4
312	https://www.parliament.vic.gov.au	Parliament of Victoria	Y	4
313	https://pbo.vic.gov.au/	Parliamentary Budget Office	Y	5
314	https://www.parliament.vic.gov.au/committees	Parliamentary Committees	Y	4
315	https://www.parliament.vic.gov.au/	Parliamentary Departments	Y	4
316	https://www.planning.vic.gov.au/panels-and-co...	Planning Panels Victoria	Y	5
317	https://www.prsb.vic.gov.au/	Police Registration and Services Board	Y	5
318	https://www.corrections.vic.gov.au/prisons/po...	Port Phillip Prison	Y	4
319	http://www.ppwcma.vic.gov.au/	Port Phillip and Westernport Catchment Manage...	Y	5
320	https://www.plsa.vic.gov.au	Portable Long Service Authority	Y	5
321	https://www.mcv.vic.gov.au/court/portland-mag...	Portland Magistrates' Court	Y	4
322	https://dhhs.vic.gov.au/portland-office	Portland office	Y	5
323	https://www.postsentenceauthority.vic.gov.au	Post Sentence Authority	Y	5
324	https://www.supremecourt.vic.gov.au/law-and-p...	Practice Court (Common Law)	Y	5
325	https://dhhs.vic.gov.au/preston-office	Preston office	Y	5
326	http://www.primesafe.vic.gov.au/	PrimeSafe	Y	5
327	https://www.parliament.vic.gov.au/lc-privileg...	Privileges Committee	Y	4
328	https://www.parliament.vic.gov.au/la-privileg...	Privileges Committee	Y	4
329	https://www.supremecourt.vic.gov.au	Probate Office	Y	5
330	http://www.parliament.vic.gov.au/procedure-co...	Procedure Committee	Y	4
331	https://sport.vic.gov.au/our-work/boxing-and-...	Professional Boxing and Combat Sports Board	Y	-
332	http://www.dhhs.vic.gov.au/	Property and Asset Services	Y	5
333	https://www.parliament.vic.gov.au/paec	Public Accounts and Estimates	Y	4
334	https://www.ptv.vic.gov.au/	Public Transport Victoria	Y	5
335	https://www2.health.vic.gov.au/public-health/...	Radiation Advisory Committee	Y	4
336	https://railprojects.vic.gov.au/	Rail Projects Victoria	Y	4
337	https://www.corrections.vic.gov.au/prisons/ra...	Ravenhall Correctional Centre	Y	4
338	https://www.vic.gov.au/red-tape-unit	Red Tape Unit	Y	5
339	https://www.rdv.vic.gov.au/	Regional Development Victoria	Y	5
340	http://www.rdv.vic.gov.au/about-rdv/regional-...	Regional Policy Advisory Committee	Y	5
341	https://regionalroads.vic.gov.au/	Regional Roads Victoria	Y	4
342	http://www.housingregistrar.vic.gov.au/Homepa...	Registrar of Housing Agencies	N	-
343	https://www.bdm.vic.gov.au	Registry of Births, Deaths and Marriages	Y	5
344	https://rentalbonds.vic.gov.au	Residential Tenancies Bond Authority	Y	4
345	https://earthresources.vic.gov.au/	Resources	Y	5
346	https://www.justice.vic.gov.au/contact-us/res...	Responsible Gambling Ministerial Advisory Cou...	Y	4
347	http://agriculture.vic.gov.au/pets	Responsible Pet Ownership Education Advisory ...	Y	-
348	http://agriculture.vic.gov.au/pets/dogs/restr...	Restricted Breed Dog Review Panel	Y	-
349	https://www.mcv.vic.gov.au/court/ringwood-mag...	Ringwood Magistrates' Court	Y	4
350	https://www.mcv.vic.gov.au/court/robinvale-ma...	Robinvale Magistrates' Court	Y	4
351	https://www.rbg.vic.gov.au	Royal Botanic Gardens Board	Y	4
352	https://www.rcmpi.vic.gov.au	Royal Commission into Management of Informant...	Y	5
353	https://rcvmhs.vic.gov.au/	Royal Commission into Victoria's Mental Healt...	Y	5
354	https://bettersafercare.vic.gov.au	Safer Care Victoria	Y	5
355	https://www.countycourt.vic.gov.au/contact-us...	Sale County Court	Y	4
356	https://www.mcv.vic.gov.au/court/sale-magistr...	Sale Magistrates' Court	Y	4
357	https://dhhs.vic.gov.au/sale-office	Sale office	Y	5
358	https://www.parliament.vic.gov.au/sarc	Scrutiny of Acts and Regulations	Y	4
359	https://www.sentencingcouncil.vic.gov.au/	Sentencing Advisory Council	Y	5
360	https://service.vic.gov.au/	Service Victoria	Y	5
361	https://www.consumer.vic.gov.au/about-us/who-...	Sex Work Ministerial Advisory Committee	Y	-
362	https://www.mcv.vic.gov.au/court/seymour-magi...	Seymour Magistrates' Court	Y	4
363	https://dhhs.vic.gov.au/seymour-office	Seymour office	Y	5
364	https://www.ssp.vic.gov.au	Shared Service Provider	Y	5
365	http://agriculture.vic.gov.au/agriculture/liv...	Sheep and Goat Compensation Advisory Committe...	N	-
366	https://www.countycourt.vic.gov.au/contact-us...	Shepparton County Court	Y	4
367	https://www.mcv.vic.gov.au/court/shepparton-m...	Shepparton Magistrates' Court	Y	4
368	https://dhhs.vic.gov.au/shepparton-office	Shepparton office	Y	5
369	http://www.business.vic.gov.au/	Small Business Victoria	Y	5
370	https://www.solar.vic.gov.au	Solar Victoria	Y	5
371	https://www.justice.vic.gov.au/service-locati...	South East Metropolitan	Y	4
372	https://www.education.vic.gov.au/about/contac...	South Eastern Victoria Region	Y	4
373	https://www.ses.vic.gov.au/who-we-are/contact...	South West (Barwon South West) - South West O...	Y	4
374	http://sport.vic.gov.au	Sport and Recreation Victoria	Y	5
375	https://www.mcv.vic.gov.au/court/st-arnaud-ma...	St Arnaud Magistrates' Court	Y	4
376	http://www.parliament.vic.gov.au/la-standing-...	Standing Orders Committee	Y	4
377	https://www.slv.vic.gov.au	State Library of Victoria	Y	5
378	https://www.mcv.vic.gov.au/court/stawell-magi...	Stawell Magistrates' Court	Y	4
379	https://dhhs.vic.gov.au/stawell-office	Stawell office	Y	5
380	https://suburbanrailloop.vic.gov.au/	Suburban Rail Loop Authority	Y	4
381	http://www.suitabilitypanel.vic.gov.au/	Suitability Panel	N	-
382	https://www.mcv.vic.gov.au/court/sunshine-mag...	Sunshine Magistrates' Court	Y	4
383	https://dhhs.vic.gov.au/sunshine-office	Sunshine office	Y	5
384	https://www.surveyorsboard.vic.gov.au	Surveyors Registration Board of Victoria	Y	4
385	https://www.sustainability.vic.gov.au	Sustainability Victoria	Y	5
386	https://www.mcv.vic.gov.au/court/swan-hill-ma...	Swan Hill Magistrates' Court	Y	4
387	https://dhhs.vic.gov.au/swan-hill-office	Swan Hill office	Y	5

388	https://www.corrections.vic.gov.au/prisons/ta...	Tarrengower Prison	Y	4
389	https://earthresources.vic.gov.au/about-us/ou...	Technical Review Board	Y	5
390	https://fvrim.vic.gov.au/	The Family Violence Reform Implementation Mon...	Y	4
391	https://www.ces.vic.gov.au/	The Office of the Commissioner for Environmen...	Y	4
392	https://djpr.vic.gov.au/priority-industries-s...	Tourism, Events and Visitor Economy	Y	5
393	http://www.invest.vic.gov.au/all-offices	Trade	Y	5
394	https://www.tac.vic.gov.au	Transport Accident Commission	Y	5
395	https://transportsafety.vic.gov.au	Transport Safety Victoria	Y	4
396	https://dhhs.vic.gov.au/traralgon-office	Traralgon office	Y	5
397	https://www.tcv.vic.gov.au	Treasury Corporation of Victoria	Y	4
398	https://www.business.vic.gov.au/victorian-gov...	VGBO - Eastern Metropolitan Region - Ringwood	Y	5
399	https://www.propertyandlandtitles.vic.gov.au/...	Valuer-General Victoria	Y	5
400	https://vetboard.vic.gov.au	Vetboard Victoria (Veterinary Practitioners R...	Y	4
401	https://www.vichealth.vic.gov.au	VicHealth	Y	4
402	https://www.victimsofcrime.vic.gov.au/	Victims Support Agency	Y	4
403	https://www.vocat.vic.gov.au/	Victims of Crime Assistance Tribunal	Y	4
404	https://www.victimsofcrimecommissioner.vic.go...	Victims of Crime Commissioner	Y	4
405	https://www.localgovernment.vic.gov.au/counci...	Victoria Grants Commission	Y	5
406	https://www.police.vic.gov.au	Victoria Police	Y	5
407	https://www.police.vic.gov.au/training-academ...	Victoria Police Academy	Y	5
408	https://www.policemuseum.vic.gov.au/	Victoria Police Museum	Y	5
409	https://www.aboriginalheritagecouncil.vic.gov...	Victorian Aboriginal Heritage Council	Y	5
410	https://www.vaea.vic.gov.au/	Victorian Asbestos Eradication Agency	Y	5
411	https://www.audit.vic.gov.au	Victorian Auditor-General's Office	Y	4
412	https://www.vba.vic.gov.au	Victorian Building Authority	Y	4
413	http://www.vcmc.vic.gov.au/	Victorian Catchment Management Council	N	-
414	https://www.education.vic.gov.au/about/depart...	Victorian Children's Council	Y	4
415	https://www.vcat.vic.gov.au	Victorian Civil and Administrative Tribunal	Y	4
416	https://www.vcglr.vic.gov.au/	Victorian Commission for Gambling and Liquor ...	Y	5
417	https://providers.dhhs.vic.gov.au/people-disa...	Victorian Disability Advisory Council	Y	5
418	https://www.vdwc.vic.gov.au/	Victorian Disability Worker Commission	Y	5
419	https://www.vec.vic.gov.au	Victorian Electoral Commission	Y	5
420	http://www.veac.vic.gov.au/	Victorian Environmental Assessment Council	N	-
421	http://www.vewh.vic.gov.au/	Victorian Environmental Water Holder	Y	5
422	https://www.humanrightscommission.vic.gov.au/	Victorian Equal Opportunity and Human Rights ...	Y	5
423	https://vfa.vic.gov.au	Victorian Fisheries Authority	Y	4
424	https://economicdevelopment.vic.gov.au/about-...	Victorian Forestry Industy Council	Y	-
425	https://www.vfmc.vic.gov.au	Victorian Funds Management Corporation	Y	5
426	http://www.procurement.vic.gov.au	Victorian Government Purchasing Board	Y	-
427	https://www.vgso.vic.gov.au	Victorian Government Solicitor's Office	Y	4
428	http://www.invest.vic.gov.au/offices	Victorian Government Trade and Investment - B...	Y	5
429	http://www.invest.vic.gov.au/all-offices/amer...	Victorian Government Trade and Investment - B...	Y	5
430	http://www.invest.vic.gov.au/all-offices/amer...	Victorian Government Trade and Investment - S...	Y	5
431	https://www.vhhsba.vic.gov.au/	Victorian Health and Human Services Building ...	Y	5
432	https://www.vicinspectorate.vic.gov.au/	Victorian Inspectorate	Y	5
433	https://www.lawreform.vic.gov.au/	Victorian Law Reform Commission	Y	5
434	https://www.lawadmissions.vic.gov.au	Victorian Legal Admissions Board	Y	4
435	http://lsbc.vic.gov.au/	Victorian Legal Services Board and Commission...	Y	5
436	https://www.vmia.vic.gov.au	Victorian Managed Insurance Authority	Y	4
437	https://www.multiculturalcommission.vic.gov.a...	Victorian Multicultural Commission	Y	5
438	https://www.ombudsman.vic.gov.au	Victorian Ombudsman	Y	4
439	https://pharmacy.vic.gov.au/	Victorian Pharmacy Authority	Y	3
440	https://vpa.vic.gov.au	Victorian Planning Authority	Y	4
441	https://www.vicports.vic.gov.au/	Victorian Ports Corporation (Melbourne)	Y	5
442	https://vpsc.vic.gov.au	Victorian Public Sector Commission	Y	4
443	https://www.regionalchannels.vic.gov.au/	Victorian Regional Channels Authority	Y	5
444	https://www.vrqa.vic.gov.au	Victorian Registration and Qualifications Aut...	Y	4
445	https://responsiblegambling.vic.gov.au	Victorian Responsible Gambling Foundation	Y	4
446	http://www.vicroads.vic.gov.au	Victorian Road Based Public Transport Advisor...	Y	5
447	http://www.schoolbuildings.vic.gov.au	Victorian School Building Authority	Y	4
448	https://www.vsbc.vic.gov.au/	Victorian Small Business Commission	Y	4
449	https://www.ses.vic.gov.au	Victorian State Emergency Service Authority	Y	4
450	https://bettersafercare.vic.gov.au/about-us/a...	Victorian Surgical Consultative Council	Y	5
451	https://www.vic.gov.au/victorian-veterans-cou...	Victorian Veterans Council	Y	5
452	http://agriculture.vic.gov.au/agriculture/pes...	Victorian Wild Dog Management Advisory Commit...	N	-
453	https://www.countycourt.vic.gov.au/contact-us...	Wangaratta County Court	Y	4
454	https://www.mcv.vic.gov.au/court/wangaratta-m...	Wangaratta Magistrates' Court	Y	4
455	https://dhhs.vic.gov.au/wangaratta-office	Wangaratta office	Y	5
456	https://dhhs.vic.gov.au/warragul-office	Warragul office	Y	5
457	https://www.countycourt.vic.gov.au/contact-us...	Warrnambool County Court	Y	4
458	https://www.mcv.vic.gov.au/court/warrnambool-...	Warrnambool Magistrates' Court	Y	4
459	https://dhhs.vic.gov.au/warrnambool-office	Warrnambool office	Y	5
460	https://www.water.vic.gov.au/water-industry-a...	Water Corporations	Y	5
461	https://www.mcv.vic.gov.au/court/werribee-mag...	Werribee Magistrates' Court	Y	4
462	http://westgatetunnelproject.vic.gov.au/	West Gate Tunnel Authority	Y	4
463	https://www.wgcma.vic.gov.au/	West Gippsland Catchment Management Authority	Y	5
464	http://www.wcma.vic.gov.au/	Wimmera Catchment Management Authority	N	-
465	https://www.countycourt.vic.gov.au/contact-us...	Wodonga County Court	Y	4
466	https://www.mcv.vic.gov.au/court/wodonga-magi...	Wodonga Magistrates' Court	Y	4
467	https://dhhs.vic.gov.au/wodonga-office	Wodonga office	Y	5
468	https://www.mcv.vic.gov.au/court/wonthaggi-ma...	Wonthaggi Magistrates' Court	Y	4
469	https://www.worksafe.vic.gov.au/contact-works...	WorkSafe Licensing	Y	5
470	https://www.worksafe.vic.gov.au	WorkSafe Victoria	Y	5
471	http://www.workingwithchildren.vic.gov.au/	Working with Children Check	Y	4
472	https://www.justice.vic.gov.au/justice-system...	Youth Justice	Y	4

TAS: Tasmania government websites

(Obtained from https://www.service.tas.gov.au/Pages/Tasmanian-Government-Organisations-A-Z.aspx)

ID	Webpage URL	Description	HTTPS?	Score
1	http://www.aboriginalheritage.tas.gov.au/	Aboriginal Heritage Tasmania	Y	4
2	http://www.dhhs.tas.gov.au/service_informatio...	Aboriginal Housing Services Tasmania (Health ...	N	-
3	http://www.magistratescourt.tas.gov.au/about_...	Administrative Appeals Division (Magistrates ...	Y	4
4	http://www.dhhs.tas.gov.au/children/adoption	Adoptions and Permanency Service (Health and ...	Y	4
5	https://adulteducation.linc.tas.gov.au/	Adult Education (Education)	Y	5
6	https://dpipwe.tas.gov.au/agriculture/governm...	AgriGrowth Loan Scheme (Primary Industries, P...	Y	4
7	http://dpipwe.tas.gov.au/agriculture/agvet-ch...	Agricultural, Silvicultural and Veterinary Ch...	Y	4
8	https://www.dhhs.tas.gov.au/mentalhealth/alco...	Alcohol and Drug Service (Health and Human Se...	Y	4
9	http://www.ambulance.tas.gov.au/home	Ambulance Tasmania (Health and Human Services...	N	-
10	http://analyticalservices.tas.gov.au/	Analytical Services Tasmania (Primary Industr...	Y	4
11	http://www.lawlibrary.tas.gov.au/	Andrew Inglis Clark Law Library (Justice)	Y	4
12	https://www.antarctic.tas.gov.au/	Antarctic Tasmania (State Growth)	Y	4
13	http://equalopportunity.tas.gov.au/about_us	Anti-Discrimination Commissioner	Y	4
14	http://www.justice.tas.gov.au/tribunals/tribu...	Anti-Discrimination Tribunal	Y	4
15	http://www.arts.tas.gov.au/	Arts Tasmania (State Growth)	Y	4
16	https://b4.education.tas.gov.au/	B4 Early Years Coalition	Y	5
17	http://dpipwe.tas.gov.au/conservation	Biodiversity Conservation (Primary Industries...	Y	4
18	http://dpipwe.tas.gov.au/biosecurity-tasmania	Biosecurity Tasmania (Primary Industries, Par...	Y	4
19	http://www.justice.tas.gov.au/bdm	Births, Deaths and Marriages (Justice)	Y	4
20	http://www.business.tas.gov.au/	Business Tasmania (State Growth)	Y	4
21	http://www.magistratescourt.tas.gov.au/about_...	Children's Division (Magistrates Court of Tas...	Y	4
22	http://www.magistratescourt.tas.gov.au/about_...	Civil Division (Magistrates Court of Tasmania...	Y	4
23	http://www.childcomm.tas.gov.au/	Commissioner for Children	Y	4
24	http://www.treasury.tas.gov.au/liquor-and-gam...	Commissioner for Liquor and Gaming Licensing	Y	4
25	http://www.dpac.tas.gov.au/divisions/csrt	Communities, Sport and Recreation Tasmania (P...	N	-
26	http://www.justice.tas.gov.au/communitycorrec...	Community Corrections Service (Justice)	Y	4
27	http://www.consumer.tas.gov.au/	Consumer Affairs and Fair Trading (Justice)	Y	4
28	http://www.magistratescourt.tas.gov.au/about_...	Coronial Division (Magistrates Court of Tasma...	Y	4
29	http://www.dhhs.tas.gov.au/mentalhealth/mhs_t...	Correctional Primary Health Service (Health a...	N	-
30	http://www.justice.tas.gov.au/correctiveservi...	Corrective Services (Justice)	Y	4
31	http://www.courts.tas.gov.au/	Courts Tasmania	Y	4
32	http://www.magistratescourt.tas.gov.au/about_...	Criminal and General Division (Magistrates Co...	Y	4
33	https://parks.tas.gov.au/about-us/conducting-...	Crown Land Services (Primary Industries, Park...	Y	4
34	http://www.crownlaw.tas.gov.au/	Crown Law (Justice)	Y	4
35	http://www.crownlaw.tas.gov.au/crownsolicitor	Crown Solicitor (Justice)	N	-
36	http://www.crownlaw.tas.gov.au/dpp	Director of Public Prosecutions (Justice)	Y	4
37	http://www.dhhs.tas.gov.au/disability	Disability and Community Services (Health and...	Y	4
38	http://www.treasury.tas.gov.au/economy	Economic Policy Branch	Y	4
39	https://www.education.tas.gov.au/	Education	Y	4
40	http://www.energyombudsman.tas.gov.au/	Energy Ombudsman (Justice)	Y	4
41	http://www.epa.tas.gov.au/	Environment Protection Authority	Y	4
42	http://equalopportunity.tas.gov.au/	Equal Opportunity Tasmania (Justice)	Y	4
43	http://www.dhhs.tas.gov.au/service_informatio...	Family Violence Counselling and Support Servi...	N	-
44	http://dpipwe.tas.gov.au/agriculture	Food and Agriculture (Primary Industries, Par...	Y	4
45	http://www.police.tas.gov.au/useful-links/for...	Forensic Science Service Tasmania (Police and...	Y	5
46	http://www.fpa.tas.gov.au/	Forest Practices Authority	Y	4
47	http://www.rmpat.tas.gov.au/forest_practices_...	Forest Practices Tribunal	Y	4
48	https://www.informationstrategy.tas.gov.au/	Government Information Strategy Unit (Educati...	Y	5
49	https://www.govhouse.tas.gov.au/	Governor of Tasmania	Y	5
50	http://www.guardianship.tas.gov.au/	Guardianship and Administration Board	Y	4
51	http://www.healthcomplaints.tas.gov.au/	Health Complaints Commissioner	Y	4
52	http://www.healthpractitionerstribunal.tas.go...	Health Practitioners Tribunal	Y	4
53	http://www.dhhs.tas.gov.au/	Health and Human Services	N	-
54	http://www.heritage.tas.gov.au/	Heritage Tasmania (Primary Industries, Park...	Y	4
55	http://www.parliament.tas.gov.au/ha/House.htm	House of Assembly	Y	5
56	http://www.dhhs.tas.gov.au/housing	Housing Tasmania (Health and Human Services)	Y	4
57	https://www.stategrowth.tas.gov.au/infrastruc...	Infrastructure Tasmania (State Growth)	Y	4
58	https://www.ifs.tas.gov.au/	Inland Fisheries Service	Y	4
59	http://www.integrity.tas.gov.au/	Integrity Commission	Y	4
60	http://dpipwe.tas.gov.au/invasive-species	Invasive Species (Primary Industries, Parks, ...	Y	4
61	http://www.justice.tas.gov.au/	Justice	Y	4
62	http://www.thelist.tas.gov.au/	Land Information System Tasmania (Primary Ind...	Y	4
63	http://dpipwe.tas.gov.au/land-tasmania/land-t...	Land Titles Office	Y	4
64	http://www.dhhs.tas.gov.au/hospital/launcesto...	Launceston General Hospital (Health and Human...	N	-
65	http://www.legalaid.tas.gov.au/	Legal Aid Commission of Tasmania	-	4
66	http://www.parliament.tas.gov.au/lc/council.h...	Legislative Council	Y	5
67	https://libraries.tas.gov.au/	Libraries Tasmania (Education)	Y	5
68	http://www.treasury.tas.gov.au/liquor-and-gam...	Liquor and Gaming	Y	4
69	http://www.dpac.tas.gov.au/divisions/local_go...	Local Government Board	N	-
70	http://www.dpac.tas.gov.au/divisions/local_go...	Local Government Division (Police and Emergen...	N	-
71	http://www.magistratescourt.tas.gov.au/	Magistrates Court of Tasmania	Y	4
72	http://www.mast.tas.gov.au/	Marine and Safety Tasmania	Y	4
73	http://www.dhhs.tas.gov.au/mentalhealth/welco...	Mental Health Services (Health and Human Serv...	N	-
74	http://www.mentalhealthtribunal.tas.gov.au/	Mental Health Tribunal	Y	4
75	http://www.dhhs.tas.gov.au/hospital/mersey-co...	Mersey Community Hospital (Health and Human S...	N	-
76	http://www.mrt.tas.gov.au/portal/home	Mineral Resources Tasmania (State Growth)	N	-
77	http://www.justice.tas.gov.au/tribunals/minin...	Mining Tribunal	Y	4
78	http://www.justice.tas.gov.au/fines	Monetary Penalties Enforcement Service (Justi...	Y	4
79	http://www.justice.tas.gov.au/tribunals/motor...	Motor Accidents Compensation Tribunal	Y	4
80	http://www.maib.tas.gov.au/	Motor Accidents Insurance Board	N	-
81	https://parks.tas.gov.au/be-involved/national...	National Parks and Wildlife Advisory Council	Y	4
82	http://dpipwe.tas.gov.au/land-tasmania/place-...	Nomenclature Board	Y	4
83	http://dpipwe.tas.gov.au/land-tasmania/place-...	Nomenclature Board (Primary Industries, Parks...	Y	4
84	http://www.dhhs.tas.gov.au/hospital/north-wes...	North West Regional Hospital (Health and Huma...	N	-
85	http://www.dpac.tas.gov.au/divisions/csrt/oaa	Office of Aboriginal Affairs (Police and Emer...	N	-

86	http://www.dpac.tas.gov.au/divisions/opc	Office of Parliamentary Counsel (Police and E...	N	-
87	https://www.tasc.tas.gov.au/	Office of Tasmanian Assessment, Standards and...	Y	4
88	http://www.dpac.tas.gov.au/divisions/egovernm...	Office of eGovernment	N	-
89	http://cg.tas.gov.au/	Office of the Coordinator-General	Y	1
90	http://www.publicguardian.tas.gov.au/	Office of the Public Guardian (Justice)	Y	4
91	http://www.ombudsman.tas.gov.au/	Ombudsman (Justice)	Y	4
92	http://www.dhhs.tas.gov.au/oralhealth	Oral Health Services Tasmania (Health and Hum...	N	-
93	http://www.dhhs.tas.gov.au/service_informatio...	Orthotic and Prosthetic Service (Health and H...	N	-
94	http://www.dhhs.tas.gov.au/palliativecare	Palliative Care Service (Health and Human Ser...	N	-
95	https://parks.tas.gov.au/	Parks and Wildlife Service (Primary Industrie...	Y	4
96	http://www.parliament.tas.gov.au/	Parliament	Y	5
97	http://www.parliament.tas.gov.au/tpl/tplmain....	Parliamentary Library	Y	5
98	http://www.justice.tas.gov.au/paroleboard	Parole Board	Y	4
99	http://www.dhhs.tas.gov.au/psbtas	Pharmaceutical Services (Health and Human Ser...	N	-
100	https://www.stategrowth.tas.gov.au/about/plan...	Planning Reform Taskforce (State Growth)	Y	4
101	http://www.dpem.tas.gov.au/	Police and Emergency Management	Y	-
102	http://www.dpem.tas.gov.au/divisions/policy	Policy Division (Police and Emergency Managem...	N	-
103	http://dpipwe.tas.gov.au/agriculture/plant-in...	Poppy Advisory and Control Board	Y	4
104	http://www.premier.tas.gov.au/	Premier of Tasmania	N	-
105	http://dpipwe.tas.gov.au/	Primary Industries, Parks, Water and Environm...	Y	4
106	http://www.justice.tas.gov.au/prisonservice	Prison Service (Justice)	Y	4
107	http://www.pft.tas.gov.au/	Private Forests Tasmania (State Growth)	Y	4
108	http://www.treasury.tas.gov.au/purchasing-and...	Procurement, Tendering and Contracting	Y	4
109	http://dpipwe.tas.gov.au/land-tasmania/the-li...	Property and Titles (The LIST) (Primary Indus...	Y	4
110	http://www.dhhs.tas.gov.au/publichealth	Public Health Services (Health and Human Serv...	N	-
111	http://publictrustee.tas.gov.au/	Public Trustee	Y	4
112	http://www.racing.tas.gov.au/the_racing_servi...	Racing Services Tasmania (State Growth)	Y	-
113	http://www.rmpat.tas.gov.au/	Resource Management and Planning Appeal Tribu...	Y	4
114	https://www.rsac.tas.gov.au/	Road Safety Advisory Council	Y	4
115	http://www.dhhs.tas.gov.au/hospital/royal-hob...	Royal Hobart Hospital (Health and Human Servi...	N	-
116	http://www.rtbg.tas.gov.au/	Royal Tasmanian Botanical Gardens (Primary In...	N	-
117	http://www.screen.tas.gov.au/	Screen Tasmania (State Growth)	Y	4
118	http://dpipwe.tas.gov.au/sea-fishing-aquacult...	Sea Fishing and Aquaculture (Primary Industri...	Y	4
119	http://www.dpem.tas.gov.au/divisions/service_...	Service Tasmania (Police and Emergency Manage...	N	-
120	http://www.dhhs.tas.gov.au/sexualhealth/sexua...	Sexual Health Service Tasmania (Health and Hu...	N	-
121	http://www.treasury.tas.gov.au/government-bus...	Shareholder Policy and Markets Branch	Y	4
122	http://www.skills.tas.gov.au/	Skills Tasmania (State Growth)	Y	4
123	http://www.crownlaw.tas.gov.au/solicitorgener...	Solicitor General (Justice)	Y	4
124	http://www.dpac.tas.gov.au/divisions/csrt/spo...	Sport and Recreation (Police and Emergency Ma...	N	-
125	https://www.ses.tas.gov.au/	State Emergency Service (Police and Emergency...	Y	4
126	http://www.fire.tas.gov.au/Show?pageId=colSta...	State Fire Commission (Tasmania Fire Service)	N	-
127	http://www.sfmc.tas.gov.au/	State Fire Management Council of Tasmania	N	-
128	http://www.treasury.tas.gov.au/state-grants-c...	State Grants Commission	Y	4
129	http://www.stategrowth.tas.gov.au/	State Growth	Y	4
130	http://www.dpac.tas.gov.au/divisions/corporat...	State Protocol Office	N	-
131	http://www.sro.tas.gov.au/	State Revenue Office	Y	4
132	http://www.statesecurity.tas.gov.au/	State Security Unit (Police and Emergency Man...	N	-
133	http://www.dpac.tas.gov.au/divisions/ssmo	State Service Management Office	N	-
134	https://www.supremecourt.tas.gov.au/	Supreme Court of Tasmania	Y	4
135	http://dpipwe.tas.gov.au/land-tasmania/geospa...	Surveyor-General (Primary Industries, Parks, ...	Y	4
136	http://www.fire.tas.gov.au/mysite/Show?pageId...	Tasmania Fire Service (Police and Emergency M...	N	-
137	http://www.tas.gov.au/	Tasmania Online (Education)	Y	4
138	http://www.police.tas.gov.au/	Tasmania Police (Police and Emergency Managem...	Y	5
139	http://www.linc.tas.gov.au/archive-heritage/P...	Tasmanian Archive and Heritage Office (Educat...	Y	5
140	http://www.audit.tas.gov.au/	Tasmanian Audit Office	Y	4
141	http://www.dpac.tas.gov.au/divisions/climatec...	Tasmanian Climate Change Office	N	-
142	http://www.dhhs.tas.gov.au/service_informatio...	Tasmanian Clinical Genetics Service (Health a...	N	-
143	https://www.stategrowth.tas.gov.au/about/tasm...	Tasmanian Development Board	Y	4
144	https://www.tec.tas.gov.au/	Tasmanian Electoral Commission	Y	4
145	http://www.dhhs.tas.gov.au/tho/area_health_se...	Tasmanian Health Organisations (Health and Hu...	N	-
146	https://heritage.tas.gov.au/	Tasmanian Heritage Council	Y	4
147	http://www.tic.tas.gov.au/about_us	Tasmanian Industrial Commission	Y	4
148	http://www.dhhs.tas.gov.au/publichealth/commu...	Tasmanian Infection Prevention and Control Un...	N	-
149	http://www.tis.tas.gov.au/	Tasmanian Institute of Sport (State Growth)	N	-
150	http://www.treasury.tas.gov.au/liquor-and-gam...	Tasmanian Liquor and Gaming Commission	Y	4
151	http://www.tmag.tas.gov.au/	Tasmanian Museum and Art Gallery (State Growt...	Y	4
152	http://www.planning.tas.gov.au/	Tasmanian Planning Commission	Y	4
153	http://www.trb.tas.gov.au/	Teachers Registration Board	Y	5
154	http://www.transport.tas.gov.au/	Transport (State Growth)	Y	4
155	http://www.treasury.tas.gov.au/	Treasury and Finance	Y	4
156	http://dpipwe.tas.gov.au/land-tasmania/office...	Valuer-General (Primary Industries, Parks, Wa...	Y	4
157	http://dpipwe.tas.gov.au/biosecurity-tasmania...	Veterinary Board of Tasmania	Y	4
158	http://www.justice.tas.gov.au/victims	Victims Assistance Unit (Justice)	Y	4
159	http://www.dhhs.tas.gov.au/service_informatio...	W P Holman Clinic (Health and Human Services)	Y	-
160	http://dpipwe.tas.gov.au/water	Water Resources (Primary Industries, Parks, W...	Y	4
161	http://dpipwe.tas.gov.au/wildlife-management	Wildlife Management (Primary Industries, Park...	Y	4
162	http://worksafe.tas.gov.au/	WorkSafe Tasmania	Y	4
163	http://www.workerscomp.tas.gov.au/	Workers Rehabilitation and Compensation Tribu...	Y	4
164	http://www.magistratescourt.tas.gov.au/about_...	Youth Justice Division (Magistrates Court of ...	Y	4
165	http://www.dhhs.tas.gov.au/youth/youth_justic...	Youth Justice Services (Health and Human Serv...	N	-

NT: Northern Territory government websites

(Obtained from https://nt.gov.au/about-government/government-agencies)

ID	Webpage URL	Description	HTTPS?	Score
1	http://www.govhouse.nt.gov.au/	Administrator of the Northern Territory	Y	5
2	http://www.adc.nt.gov.au/	Anti-Discrimination Commission	Y	1

ID	Webpage URL	Description	HTTPS?	Score
3	https://dtc.nt.gov.au/arts-and-museums/northe...	Archives Service of the Northern Territory	Y	5
4	https://justice.nt.gov.au/	Attorney-General and Justice, Department of	Y	5
5	http://www.nt.gov.au/ago/	Auditor General's Office	Y	5
6	https://dcm.nt.gov.au/	Chief Minister, Department of	Y	5
7	https://occ.nt.gov.au	Children's Commissioner, Office of the	Y	5
8	https://ocpe.nt.gov.au/	Commissioner for Public Employment, Office of...	Y	5
9	https://nt.gov.au/property/building-and-devel...	Construction Contracts Registrar	Y	5
10	http://www.consumeraffairs.nt.gov.au/	Consumer Affairs	Y	1
11	https://dcis.nt.gov.au	Corporate and Information Services, Departmen...	Y	5
12	http://www.waterfront.nt.gov.au/	Darwin Waterfront Corporation	Y	5
13	http://www.defenceofdarwin.nt.gov.au/	Defence of Darwin Museum	Y	1
14	https://education.nt.gov.au/	Education, Department of	Y	5
15	https://ntec.nt.gov.au/	Electoral Commission, Northern Territory	Y	5
16	http://pfes.nt.gov.au/Emergency-Service.aspx	Emergency Service, Northern Territory	Y	5
17	http://www.ntepa.nt.gov.au/	Environment Protection Authority, Northern Te...	Y	1
18	https://denr.nt.gov.au/	Environment and Natural Resources, Department...	Y	5
19	http://pfes.nt.gov.au/Fire-and-Rescue.aspx	Fire and Rescue Service, Northern Territory	Y	5
20	https://territoryfamilies.nt.gov.au/policy/of...	Gender Equality and Diversity, Office of	Y	5
21	http://www.hcscc.nt.gov.au/	Health and Community Services Complaints Comm...	Y	5
22	https://health.nt.gov.au/	Health, Department of	Y	5
23	https://icac.nt.gov.au/	Independent Commissioner Against Corruption, ...	Y	5
24	https://infocomm.nt.gov.au/	Information Commissioner, Office of the	Y	5
25	https://dipl.nt.gov.au/	Infrastructure, Planning and Logistics, Depar...	Y	5
26	https://nt.gov.au/community/interpreting-and-...	Interpreting and Translating Service NT	Y	5
27	https://parliament.nt.gov.au/	Legislative Assembly of the Northern Territor...	Y	5
28	https://localcourt.nt.gov.au	Local Court	Y	4
29	https://dhcd.nt.gov.au/	Local Government, Housing and Community Devel...	Y	5
30	http://www.ombudsman.nt.gov.au/	Ombudsman, Northern Territory	Y	5
31	http://www.nt.gov.au/lant/about-parliament/pa...	Parliament House	Y	5
32	https://paroleboard.nt.gov.au	Parole Board of the Northern Territory	Y	5
33	http://www.planningcommission.nt.gov.au/	Planning Commission, Northern Territory	Y	1
34	http://pfes.nt.gov.au	Police, Fire and Emergency Services, Northern...	Y	5
35	http://pfes.nt.gov.au/Police.aspx	Police, Northern Territory	Y	5
36	https://dpir.nt.gov.au/	Primary Industry and Resources, Department of	Y	5
37	https://dpp.nt.gov.au	Public Prosecutions, Director of	Y	5
38	http://www.supremecourt.nt.gov.au/	Supreme Court	Y	1
39	http://www.trb.nt.gov.au/	Teacher Registration Board	Y	5
40	https://territoryfamilies.nt.gov.au	Territory Families	Y	5
41	https://dtc.nt.gov.au/	Tourism, Sport and Culture, Department of	Y	5
42	https://business.nt.gov.au/	Trade, Business and Innovation, Department of	Y	5
43	http://www.treasury.nt.gov.au/	Treasury and Finance, Department of	Y	1
44	http://www.utilicom.nt.gov.au/	Utilities Commission	Y	1
45	http://www.worksafe.nt.gov.au/	WorkSafe NT	Y	1

WA: Western Australia government websites

(Obtained from https://www.wa.gov.au/agency)

ID	Webpage URL	Description	HTTPS?	Score
1	http://www.arc.wa.gov.au/	Animal Resources Centre	N	-
2	https://artgallery.wa.gov.au/	Art Gallery of Western Australia	Y	4
3	https://www.bgpa.wa.gov.au/	Botanic Gardens and Parks Authority	Y	5
4	https://www.burswoodpark.wa.gov.au	Burswood Park Board	Y	4
5	https://www.busseltonwater.wa.gov.au/	Busselton Water	Y	4
6	http://www.chemcentre.wa.gov.au/	ChemCentre	Y	4
7	https://www.dsr.wa.gov.au/support-and-advice/...	Combat Sports Commission	Y	5
8	https://www.ccyp.wa.gov.au/	Commissioner for Children and Young People	Y	4
9	http://www.conservation.wa.gov.au/	Conservation and Parks Commission	Y	4
10	http://www.myleave.wa.gov.au/	Construction Industry Long Service Leave Paym...	Y	4
11	https://www.ccc.wa.gov.au/	Corruption and Crime Commission	Y	4
12	https://www.dbca.wa.gov.au/	Department of Biodiversity, Conservation and ...	Y	5
13	https://www.communities.wa.gov.au/	Department of Communities	Y	4
14	https://www.dfes.wa.gov.au/	Department of Fire and Emergency Services	Y	4
15	http://ww2.health.wa.gov.au/	Department of Health	Y	4
16	http://www.jtsi.wa.gov.au/	Department of Jobs, Tourism, Science and Inno...	Y	4
17	https://www.dlgsc.wa.gov.au/	Department of Local Government, Sport and Cul...	Y	5
18	https://www.dmirs.wa.gov.au/	Department of Mines, Industry Regulation and ...	Y	5
19	https://www.dplh.wa.gov.au/	Department of Planning, Lands and Heritage	Y	4
20	https://dpird.wa.gov.au/	Department of Primary Industries and Regional...	Y	4
21	http://www.dtwd.wa.gov.au/	Department of Training and Workforce Developm...	Y	5
22	http://www.transport.wa.gov.au/	Department of Transport	Y	4
23	https://www.wa.gov.au/organisation/department...	Department of Treasury	Y	4
24	https://www.dwer.wa.gov.au/	Department of Water and Environmental Regulat...	Y	4
25	http://www.dotr.wa.gov.au/	Department of the Registrar Western Australia...	N	-
26	http://www.epa.wa.gov.au/	Environmental Protection Authority	Y	3
27	http://www.eoc.wa.gov.au/	Equal Opportunity Commission	N	-
28	http://www.fpc.wa.gov.au/	Forest Products Commission	Y	3
29	http://www.gdc.wa.gov.au/	Gascoyne Development Commission	Y	5
30	http://www.gedc.wa.gov.au/	Goldfields Esperance Development Commission	Y	4
31	https://www.gesb.wa.gov.au/	Government Employees Superannuation Board	Y	5
32	https://www.govhouse.wa.gov.au/	Government House	Y	4
33	http://www.gsdc.wa.gov.au/	Great Southern Development Commission	Y	4
34	https://www.hadsco.wa.gov.au/home/	Health and Disability Services Complaints Off...	Y	4
35	https://www.healthway.wa.gov.au/	Healthway	Y	5
36	https://www.dplh.wa.gov.au/information-and-se...	Heritage Council of Western Australia	Y	4
37	https://www.icwa.wa.gov.au	Insurance Commission of Western Australia	Y	4
38	https://www.kabc.wa.gov.au/about-us	Keep Australia Beautiful WA	Y	5
39	http://kdc.wa.gov.au/	Kimberley Development Commission	Y	5

40	http://www.kimberleyports.wa.gov.au/	Kimberley Ports Authority	Y	4
41	https://www0.landgate.wa.gov.au/about-us	Landgate	Y	4
42	http://www.lrc.justice.wa.gov.au/	Law Reform Commission of Western Australia	Y	4
43	https://www.legalaid.wa.gov.au/	Legal Aid Commission of Western Australia	Y	5
44	http://www.legalcosts.wa.gov.au/	Legal Costs Committee	N	-
45	http://www.liquorcommission.wa.gov.au/	Liquor Commission	Y	4
46	http://www.lotterywest.wa.gov.au/	Lotterywest	Y	5
47	https://www.mainroads.wa.gov.au/	Main Roads Western Australia	Y	4
48	https://www.mhc.wa.gov.au/	Mental Health Commission	Y	5
49	http://www.mht.wa.gov.au/	Mental Health Tribunal	Y	5
50	http://www.mcb.wa.gov.au/	Metropolitan Cemeteries Board	Y	4
51	http://www.mwdc.wa.gov.au/	Mid West Development Commission	Y	4
52	https://www.mriwa.wa.gov.au/	Minerals Research Institute of Western Austra...	Y	4
53	http://portal.appealsconvenor.wa.gov.au	Office of the Appeals Convenor	Y	1
54	https://audit.wa.gov.au/	Office of the Auditor General	Y	4
55	http://www.chiefpsychiatrist.wa.gov.au/	Office of the Chief Psychiatrist	Y	4
56	http://www.dpp.wa.gov.au/	Office of the Director of Public Prosecutions...	Y	4
57	https://www.oic.wa.gov.au	Office of the Information Commissioner	Y	4
58	http://www.oics.wa.gov.au	Office of the Inspector of Custodial Services	Y	4
59	http://www.piccc.wa.gov.au/	Office of the Parliamentary Inspector of the ...	Y	4
60	http://www.ombudsman.wa.gov.au/	Ombudsman Western Australia	Y	4
61	http://www.parliament.wa.gov.au/WebCMS/WebCMS...	Parliament of Western Australia	Y	4
62	http://www.peel.wa.gov.au/	Peel Development Commission	Y	5
63	http://ptt.wa.gov.au/	Perth Theatre Trust	Y	4
64	https://www.pdc.wa.gov.au/	Pilbara Development Commission	Y	4
65	https://www.wa.gov.au/organisation/public-sec...	Public Sector Commission	Y	4
66	http://www.pta.wa.gov.au/	Public Transport Authority	Y	4
67	http://www.rpat.wa.gov.au/	Racing Penalties Appeal Tribunal of Western A...	Y	4
68	https://www.agric.wa.gov.au/rural-business-de...	Rural Business Development Corporation	Y	4
69	https://www.smallbusiness.wa.gov.au/	Small Business Development Corporation	Y	5
70	http://www.swdc.wa.gov.au/	South West Development Commission	N	-
71	https://semc.wa.gov.au/	State Emergency Management Committee	Y	4
72	http://slwa.wa.gov.au/	State Library of Western Australia	Y	4
73	http://www.sro.wa.gov.au/	State Records Office of Western Australia	N	-
74	https://www.wa.gov.au/government/publications...	Submit feedback to the Department of Treasury...	Y	4
75	https://swanrivertrust.dpaw.wa.gov.au/	Swan River Trust	Y	5
76	http://www.trb.wa.gov.au	Teacher Registration Board of Western Austral...	Y	4
77	http://www.qeiimc.health.wa.gov.au/	The Queen Elizabeth II Medical Centre Trust	Y	5
78	http://www.tac.wa.gov.au/Pages/default.aspx	Training Accreditation Council	Y	4
79	https://www.venueswest.wa.gov.au/	VenuesWest	Y	4
80	http://www.wasteauthority.wa.gov.au/	Waste Authority	Y	4
81	https://www.police.wa.gov.au/	Western Australia Police Force	Y	4
82	https://www.elections.wa.gov.au/	Western Australian Electoral Commission	Y	4
83	http://www.wamia.wa.gov.au/	Western Australian Meat Industry Authority	Y	4
84	http://museum.wa.gov.au/	Western Australian Museum	N	-
85	https://www.planning.wa.gov.au/	Western Australian Planning Commission	Y	4
86	http://www.tourism.wa.gov.au	Western Australian Tourism Commission	Y	4
87	https://www.watc.wa.gov.au/	Western Australian Treasury Corporation	Y	5
88	https://www.wheatbelt.wa.gov.au/	Wheatbelt Development Commission	Y	4
89	https://www.workcover.wa.gov.au/	WorkCover WA	Y	4
90	https://perthzoo.wa.gov.au/	Zoological Parks Authority	Y	5

QLD: Queensland government websites

(Obtained from https://www.qld.gov.au/about/contact-government/contacts/government-directory)

ID	Webpage URL	Description	HTTPS?	Score
1	https://www.datsip.qld.gov.au/	Aboriginal and Torres Strait Islander Partner...	Y	5
2	https://www.daf.qld.gov.au/	Agriculture and Fisheries	Y	5
3	https://www.csyw.qld.gov.au/	Child Safety, Youth and Women	Y	5
4	https://www.communities.qld.gov.au/	Communities, Disability Services and Seniors	Y	5
5	https://corrections.qld.gov.au/	Corrective Services	Y	5
6	https://qed.qld.gov.au/	Education	Y	4
7	https://www.desbt.qld.gov.au/	Employment, Small Business and Training	Y	5
8	https://www.des.qld.gov.au/	Environment and Science	Y	5
9	https://www.qfes.qld.gov.au/Pages/default.asp...	Fire and Emergency Services	Y	5
10	http://www.health.qld.gov.au/	Health	Y	5
11	https://www.hpw.qld.gov.au/	Housing and Public Works	Y	5
12	https://www.justice.qld.gov.au/	Justice and Attorney-General	Y	5
13	http://www.dlgrma.qld.gov.au/	Local Government, Racing and Multicultural Af...	N	-
14	https://www.dnrme.qld.gov.au/	Natural Resources, Mines and Energy	Y	5
15	https://www.qld.gov.au/about/how-government-w...	Office for Veterans	Y	5
16	https://www.police.qld.gov.au/	Police	Y	5
17	https://www.premiers.qld.gov.au/	Premier and Cabinet	Y	5
18	https://www.qld.gov.au/about/how-government-w...	Public Service Commission	Y	5
19	https://www.ditid.qld.gov.au	State Development, Tourism and Innovation	Y	5
20	https://www.tmr.qld.gov.au/	Transport and Main Roads	Y	5
21	https://www.treasury.qld.gov.au/	Treasury	Y	5
22	http://www.youthjustice.qld.gov.au/	Youth Justice	N	-

SA: Southern Australia government websites

(Obtained from https://www.sa.gov.au/topics/about-sa/government/departments)

ID	Webpage URL	Description	HTTPS?	Score
1	https://www.agd.sa.gov.au/	Attorney-General's Department	Y	5
2	https://www.audit.sa.gov.au	Auditor-General's Department	Y	3
3	http://www.courts.sa.gov.au/Pages/default.asp...	Courts Administration Authority	N	-
4	https://www.childprotection.sa.gov.au	Department for Child Protection	Y	5
5	https://www.corrections.sa.gov.au	Department for Correctional Services	Y	5
6	https://www.decd.sa.gov.au	Department for Education	Y	5
7	http://www.energymining.sa.gov.au/	Department for Energy and Mining	Y	-
8	https://www.environment.sa.gov.au/Home	Department for Environment and Water	Y	4
9	https://www.sahealth.sa.gov.au/	Department for Health and Wellbeing	Y	4
10	https://innovationandskills.sa.gov.au/	Department for Innovation and Skills	Y	4
11	http://www.dtti.sa.gov.au/	Department for Trade and Investment	Y	4
12	https://dhs.sa.gov.au/	Department of Human Services	Y	4
13	https://www.dpti.sa.gov.au/	Department of Planning, Transport and Infrast...	Y	5
14	http://www.pir.sa.gov.au	Department of Primary Industries and Regions	Y	4
15	https://www.treasury.sa.gov.au/	Department of Treasury and Finance	Y	5
16	https://www.dpc.sa.gov.au/	Department of the Premier and Cabinet	Y	5
17	http://www.ecsa.sa.gov.au	Electoral Commission of South Australia	Y	4
18	https://www.epa.sa.gov.au/	Environment Protection Authority	Y	4
19	http://www.greenindustries.sa.gov.au/	Green Industries SA	Y	5
20	https://www.housing.sa.gov.au	SA Housing Authority	Y	5
21	http://www.safecom.sa.gov.au	SAFECOM	Y	5
22	https://www.police.sa.gov.au/	South Australia Police	Y	4
23	http://www.cfs.sa.gov.au	South Australian Country Fire Service	Y	5
24	http://www.mfs.sa.gov.au	South Australian Metropolitan Fire Service	Y	5
25	http://www.ses.sa.gov.au	South Australian State Emergency Service	Y	5
26	http://tourism.sa.gov.au/	South Australian Tourism Commission	Y	3

ACT: Australian Capital Territory government websites

(Obtained from https://www.directory.act.gov.au/ccExternal_5.1/index.html)

ID	Webpage URL	Description	HTTPS?	Score
1	https://www.bookings.act.gov.au/	ACT Government Bookings	Y	1
2	https://www.grants.act.gov.au	ACT Government Grants	Y	5
3	https://www.jobs.act.gov.au/home	ACT Government Jobs	Y	5
4	http://www.actmapi.act.gov.au	ACT Maps	N	-
5	https://www.assistance.act.gov.au	Assistance Website	Y	5
6	https://www.business.act.gov.au	Business and Industry	Y	5
7	http://www.health.act.gov.au/health-services/...	Find a Health Service	Y	4
8	https://justice.act.gov.au/criminal_and_civil...	Justices of the Peace	Y	4
9	https://www.act.gov.au/opengovernment	Open Government Website	Y	5
10	https://www.transport.act.gov.au/	Transport Canberra	Y	5