

Is the Message Getting Through?

An Analysis of Information Accessibility to Support and Services Meant
for Foreign Residents With Limited Japanese Proficiency

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Abstract

When referring to gaining proper medical care in Japan, the Council of Local Authorities for International Relations (CLAIR, 2018) website mentioned that foreign residents often need to overcome three additional metaphorical walls when compared to most Japanese residents: a language barrier, an organizational one, and a psychological barrier. However, these three walls/obstacles exist in other aspects of daily life and emergency situations for foreign residents as well. In an effort to lower these walls local international associations, municipal governments, NPOs, and other volunteer organizations provide services, workshops, classes, and information (For example, Nagoya International Center & Aichi Medical Interpreting System). This research is an analysis of the current state of information access in languages beyond Japanese by international centers, branches, municipality websites, and other resources centers focusing on supporting foreign residents and/or those with limited Japanese proficiency within Aichi Prefecture. I based this on the following research questions: (1) What kind of information is made most and least available and to what extent? (2) How easily can the information be found from the home pages? (3) How accurate, up-to-date, and comprehensible is the available information? Data was collected by checking each website and listing what information was available, what was missing for the non-Japanese language versions, and what sites used incomprehensible language or translation software to a point that the information became misleading. I then conclude with recommendations of language and essential information such websites should prioritize on providing and model websites that could be used as a basis of improving the quality of information presented on other locales' websites.

Key words : Electronic Communication, Cultural Studies, Governance,
Second Language Studies, Social Issues, Immigration Studies

Introduction

According to the Ministry of Justice (MOJ) (2019a), 2019 Japan saw a 6.6% increase in the number of foreign residents. In fact, Japan's foreign resident population has been increasing for the past eight years straight as can be seen in Table 1 below (MOJ, 2019b). Aichi Prefecture ranked

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2nd, with a total of 250,952 (MOJ, 2019a). For more details on foreign resident populations in Japan see Figure 1. In December 2018, half of Aichi’s foreign residents were citizens from either Brazil, China, The Philippines, or Vietnam (MOJ, 2018). This increase comes with a need to not only find places to learn Japanese for daily life, but for multilingual access to services and information necessary for daily living and in the case of emergencies or national disasters. The first place anyone can search for such information would be the Internet. In Aichi Prefecture, all municipalities have websites. In addition, many international centers and branches have them as well. However, how much of this information can foreign residents access information in their first language?

Table 1 Total Number of Foreign Residents From 2008–2018

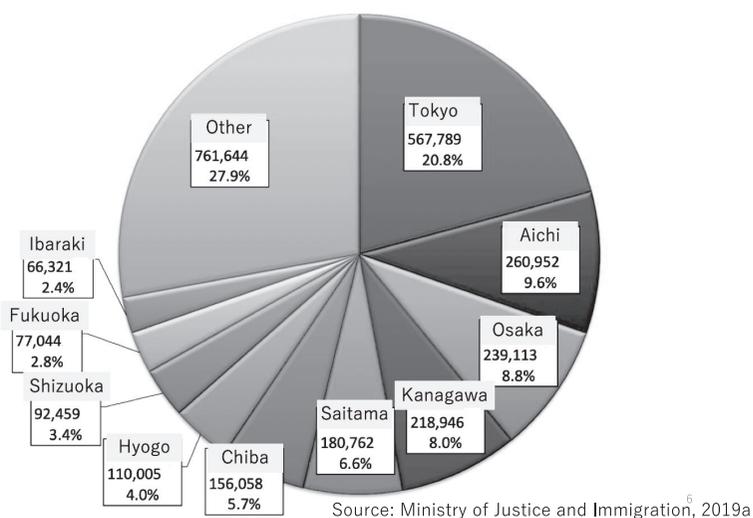
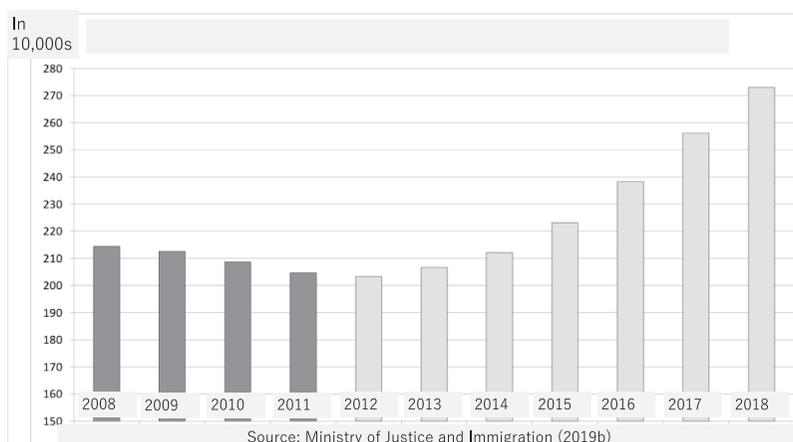


Figure 1 Number of Foreign Residents by Prefecture

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Although it is a reasonable request to learn the language of the country if you plan to live there, it takes a long time to acquire language proficiency. In a paper (Jackson & Kaplan, 1999) analyzing language attainment time in the Foreign Service Institute (FSI), it was estimated based on success levels of 50 years of data that approximately two-thirds of students who intensively studied for 1,100 hours were able to gain basic proficiency in a new language if it were similar to their first language. In the same report, the author's reported FSI estimate that to learn a language distant to one's first language, such as Japanese for an English speaker, it would take at least 2,200 hours, and one year of this study would ideally take place while living in a country where the target language is spoken (Jackson & Kaplan, 1999). In the case of Japan's policies for working visas, there is also no such language requirement before entering to work in Japan. This is also the case with the 39,600 approved to enter on the technical intern visa in Aichi which is a 16.7% increase compared to the previous year according to the Organization for Technical Intern Training (OTIT) (2019). There were 18,524 from Vietnam and 10,631 from China, which makes up about 73% of the new technical interns (OTIT, 2019). This appears to be a vulnerable population in Japan when considering that. In the year 2018, 70.1% of technical interns were working in a situation that violated labor laws (Ministry of Health, Labour, and Welfare, 2019). The technical intern visa requires that visa holders learn Japanese upon entering Japan. With this in mind, and that all foreign residents are paying the same taxes as Japanese residents, one could make an ethical argument that information necessary for daily life and in case of emergency be provided by the government in the languages of these visa holders. These residents also should be able to access the same information and participate in the same support available to Japanese residents as they are paying for it with these taxes. For the current study, the researcher attempted to answer the following research questions: (1) What kind of information is made most and least available and to what extent? (2) How easily can the information be found from the homepages? (3) How accurate, up-to-date, and comprehensible is the available information?

Method

To gain insight on the amount of available information available to foreign residents a survey of all the municipality websites within Aichi Prefecture was conducted in February of 2020. At this time a total of 90 websites were viewed, 54 city hall or town hall websites and 36 government funded international association websites. I checked the languages available, focusing on English for quality checks as this would theoretically be the highest quality translation. My rationale for choosing English for the quality check is since English is a required subject in public schools in Japan from elementary school, 5th grade. If there is an issue of quality in English, there is a high likelihood, in my opinion, that the other language translations on the website could be problematic as well.

Results and Analysis

To summarize what was found with this check there is a large amount of improvement that can be done in order to make more accessible local information for foreign residents in Aichi prefecture. Figure 2 is a visual summary of language accessibility from the websites.

One problematic issue was datedness of information. The least up to date found was from Tsushima City, with their most up-to-date information being 4 years old. Another website by the Toyokawa International Association used displayed Spanish when clicking on the English option. For the 43 websites that used translation software, one frequent problem occurred with legibility of the English in a table form. This happened frequently for information regarding the times or days of Japanese language classes, and call center hours that had set times or days for specific languages. A specific problem with translation software between a language like English is that oftentimes the Japanese lacked the subject, causing translation software to create a random subject such as "I" when that was not the topic of the text. In order to clarify this please see Appendix A for some screenshots of these websites taken in February 2020 to give examples of some of the above issues.

Conclusion

All in all many of the information access issues located in these public websites could be fixed. I would recommend the following solutions: (1) At the very least, add the google translate bar to the website. Other internal translation software (3 other types were used) were nearly incomprehensible (2) Language selection icons should be in the specified language (many sites used "foreign language", "for foreigners", "multilingual" Sites could link to more accessible pages (e.g. Nagoya International Center).

(3) Use of "one stop centers" to translate news information could be translated from top-down, especially for emergency information (4) Set-up template forms for address changes, education enrollment, etc., could also be scanned onto the website and made available at the locations (5)

Internet Information Language Access Distribution

- 36 International Associations Within Aichi Prefecture
 - 18 in Japanese Only
 - 13 Portuguese, 9 Chinese, 11 English, 4 Spanish, 1 Filipino, 1 Vietnamese, 1 Arabic, 1 Korean
 - 8 with very limited information available in other languages (All 8 English & Portuguese, 1 Chinese, 1 Filipino, 2 Vietnamese)
 - Another 5 that used translation software (incomprehensible)
 - 1 website inaccessible
- 54 Official City Websites Within Aichi Prefecture
 - 6 in Japanese Only
 - 6 with complete English translation
 - Another 43 that used translation software (3 are incomprehensible, others are ok, but missing translations of pdfs, icons, and some other parts)
- Total: 90 websites = 24 Japanese only

Figure 2

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Work visas could require a certain amount of Japanese knowledge and/or required training/course/ test for emergency situations procedures (e.g. earthquake safety)

(6) Keep in mind that language is one of many barriers to participating in the local community for foreign residents. More promotion of ways to engage need to be made for them and Japanese people as well.

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Appendix A

Screenshots from February 2020 of Problematic Access Examples in Municipal Websites

Example 1: Datedness

Japanese only
with very out of
date information
(from 2016)



Information
that is not
up-to-date



半田国際交流協会
Handa International Association



What's new!

★ Japanese class is open for foreigners from 10 am to noon on every Sunday...
★ Major topics

Reiwa 1 (April 2019– March 2020)

※ "Konnichi World" festival -Enjoy the world - is coming.

You can experience an international society in the festival while you enjoy many nice activities and events including stage performances, international booths selling folk crafts and foods from many countries.

Date & Time: October 20 (Sunday), 2019, 10 a.m. - 3 p.m.
Place: Handa Akarenga Tatemono (Handa Red Brick Building)
Admission fee: free

Leaflet (JPG)

※ Our office will be closed for summer holiday from August 12 to 15.
We will resume our business on August 16.



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Example 2: Technical issues & information meant for speakers without Japanese Language ability is only available in Japanese.

Clicking here did nothing.

Hotline for Spanish, English, Chinese, but the number is not listed

Example 3: Table legibility issue when clicking on the English option.

Criminal situation of (school district difference) in Ichinomiya City (1 Monday-December, 2019)

Please be proportional to value classification in table last year.

District	The main crime kind										Total	Increase/decrease	Last year	The ratio (%)	
	Robbing	Sex crime	Sexual assault	Sexual harassment	Car hijack	Retaliatory	Special	SAKETA	In the street	Part					Domestic violence
Wiganishi	003		14			39	1	04		6	158	67123	99		26
Kifune	0072020						2	0	7	103	768105	103			1
Kanijana	0042				3	760	7			2	092	129	221	239	-7
Daishi	0010				1	600	00813	2121							0
Utsujiyama	000019						1	0	4	1	171	45252			0
Fuji	0020018003000236388				100	14	0								
Haguri	00147				3	6003				7	0333	26593			26
The Higashi	00741300				3	00			3	221	271935				-4
The Nishiyama	00741300				3	00			1	1114	112528				-1
The Nishiyama	007503000001051521														-2
Osaba	00310500								2	001	0203036				-1
Akami	00		116		01000					1	0131528	88			56
Asano	0	210		4	3	11	1	031031508177							5
Tonyo	0041				2	500	02013233681								-4
Tonyo west	001123120							1	8	8	043	4891	05	13.3	

Example 4: Unclear Meaning of Translations by Automatic Insertion of Subjects from Subject-less Japanese Text

ichinomiya.j-server.com

Aren't a park and a green way cleaned by everyone?

With a park kind group

I have an affection for close park and green way with a park kind group, and it's more comfortable and to use it surely, it's the optional group of a neighborhood association and a kids circle which cooperates in the upkeeping by which it's for a park by local everybody. They're weeding in the park green way, cleaning and a report in a damaged part in park facilities to go mainly. You can make an effort toward a beautification in a park and a green way by an administrative side, I'll pay you a reward as a token of thanks. Please inform Koeryokuchi section of the person who takes an interest and the person who would like to participate in a group.



Example 5: Wrong Language (English option displays Spanish)



SETO CITY INTERNATIONAL CENTER
瀬戸市国際センター

TOP

- ▼ 会員の方・一般の方
- SOC について
- 入会 について
- SOC ニュース
- 外国語交流サロン
- ボランティア募集
- スピーチコンテスト
- 姉妹都市について
- ▼ がいこくじんのかた
- にほんごきょうしつ
- くらしのガイド
- にほんご
- English
- Spanish
- Portugues
- Tagalog
- 中文
- 多言語情報誌ごんにちは
- にほんご
- English
- Spanish
- Portugues
- 中文
- Clair せいかつガイド
- おやくだちじょうほう
- リンク

■ English

- ◆ Moving to Seto City (てんにゅう・てんしゅう)
- ◆ Basic Understanding about Evacuation (ひなんの ための きそ ちしき)
- ◆ Live in Seto! Handbook for Daily Living (せとし くらし がいど)
- ◆ Let's observe traffic rules! (こうつう ルールを まもりましょう)
- ◆ Consultation Service in Spanish and Portuguese (がいこくじん そうだん まどくち)

For the details of the consultation service, please see the following brochure
がいこくじんそうだんまどくちチラシ(PDF)
The date and time of consultation can be changed or canceled. To verify the date and time of consultation, click on this link.

schedule

Consulta en español / 外国人相談窓口 (がいこくじんそうだんまどくち)

Day	Time	Language
viernes, 14 febrero		
martes, 18 febrero	10:00	Consulta en español 「スペイン語」生活相談
martes, 25 febrero	10:00	Consulta en español 「スペイン語」生活相談
martes, 3 marzo	10:00	Consulta en español 「スペイン語」生活相談
martes, 10 marzo	10:00	Consulta en español 「スペイン語」生活相談
martes, 17 marzo	10:00	Consulta en español 「スペイン語」生活相談

Consultas en portugués / 外国人相談窓口 (がいこくじんそうだんまどくち)

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Example 6: Misleading Translation “shoot foreigners”

The screenshot shows the Gamaqori City website. On the left, there is a navigation menu with items like "A waiver application is being submitted," "Events Information," "Advertisements," "Allowance Subsidy (subsidy money) and system," "Plan in the city and the vision," "Statistics, material and investigation," "Please tell voice," "E-application and notification," "Use of facilities reservation and confirmation," "Relieved spread FLU," and "Relieved spread FLU (the delivery history)." Below the menu is a section titled "人口と密着数" (Population and Close Contacts) with the following data:

The population	80,219 people
	875 shoot foreigners
A man	39,628 people
	1119 shoot foreigners
A woman	40,591 people
	176 shoot foreigners
Household	32,853 households
	1648 households of shoot foreigner household

Below the population data, there is a note: "Current as of 2020 February 1" and "Detailed population and households".

In the main content area, there is a news article titled "イベント・募集" (Events and Recruitment). The article text includes: "Watering support practice by an escort ship 'IZU' is performed in Gamaqori-shi," "A Japan and U.S. common integration emergency drill is held," "Recycling bazaar in clean center is held," "Whole personal public offering type events (implementation person recruitment of Gamaqori festival)," "Participants welcomed! Revival medical care academic meeting inspection tour," "National health insurance and medical care academic meeting inspection tour (checkup check expense subsidy)," "Weight measurement 100 day challenge goal events is held!" and "Information and census takers of 2020 national census are being wanted!"

At the bottom of the page, there is a section titled "パナー広告欄" (Banner Advertisements) with several ads, including "小林屋一税理士事務所" (Kobayashi Ichiro Tax Accountant Office) and "360 パナマミュージム" (360 Panama Museum).

Annotations on the image include a red arrow pointing to the population data with the text "Missing Translation" and a blue arrow pointing to the word "shoot" in the population breakdown with the text "misinformation".