Familial Clusters of Coronavirus Disease in 10 Prefectures, Japan, February–May 2020

Appendix

Appendix Table 1. Websites of 10 prefectures tested for familial clusters of coronavirus disease, Japan, February–May, 2020*
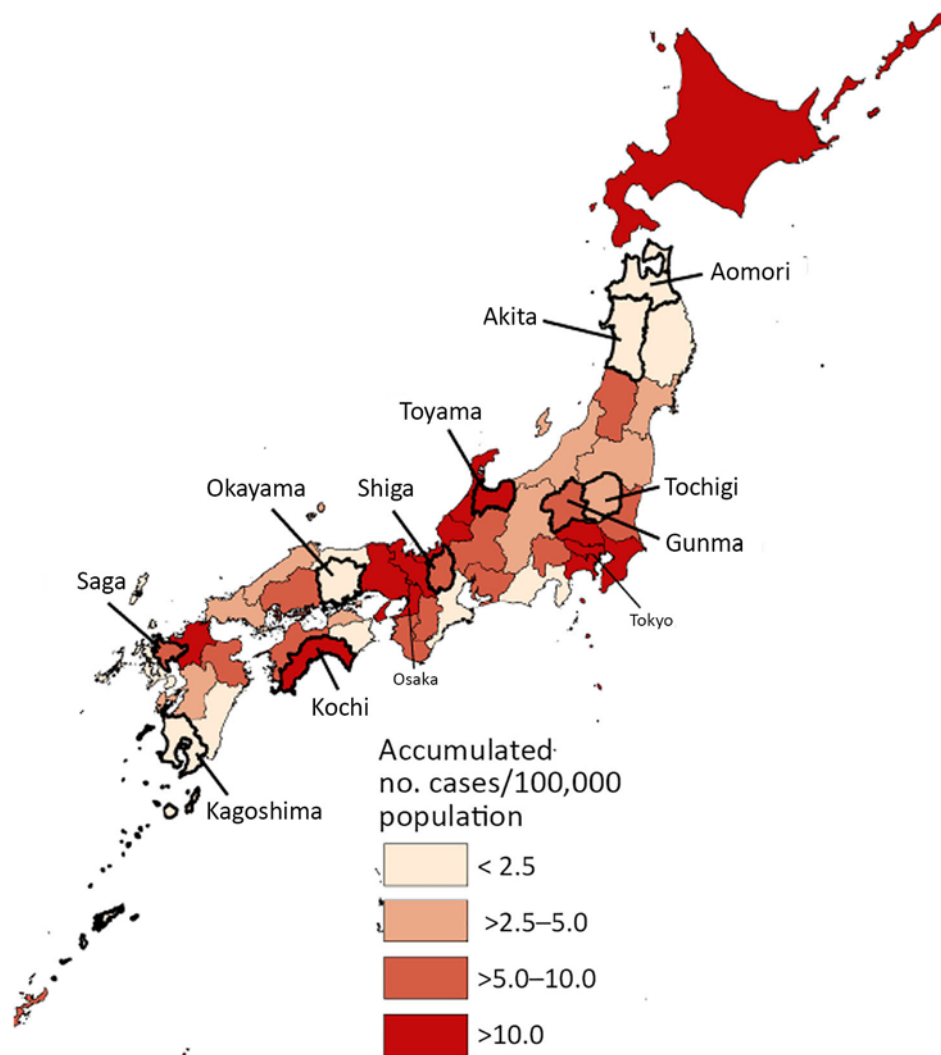
Prefecture	URL
Aomori	https://www.pref.aomori.lg.jp/welfare/health/wuhan-novel-coronavirus2020.html
Akita	https://www.pref.akita.lg.jp/pages/archive/47957
Gunma	https://www.pref.gunma.jp/07/z87g_00016.html
Tochigi	http://www.pref.tochigi.lg.jp/e04/welfare/hoken-eisei/kansen/hp/coronakensahasseijyoukyou.html
Toyama	http://www.pref.toyama.jp/cms_sec/1205/kj00022166.html
Shiga	https://www.pref.shiga.lg.jp/ippan/kenkouiryouhukushi/yakuzi/310735.html
Okayama	https://www.pref.okayama.jp/page/667843.html
Kochi	https://www.pref.kochi.lg.jp/soshiki/130401/2020022900049.html
Saga	https://www.pref.saga.lg.jp/kiji00373220/index.html
Kagoshima	https://www.pref.kagoshima.jp/ae06/kenko-fukushi/kenko-iryo/kansen/kansensho/coronavirus.html

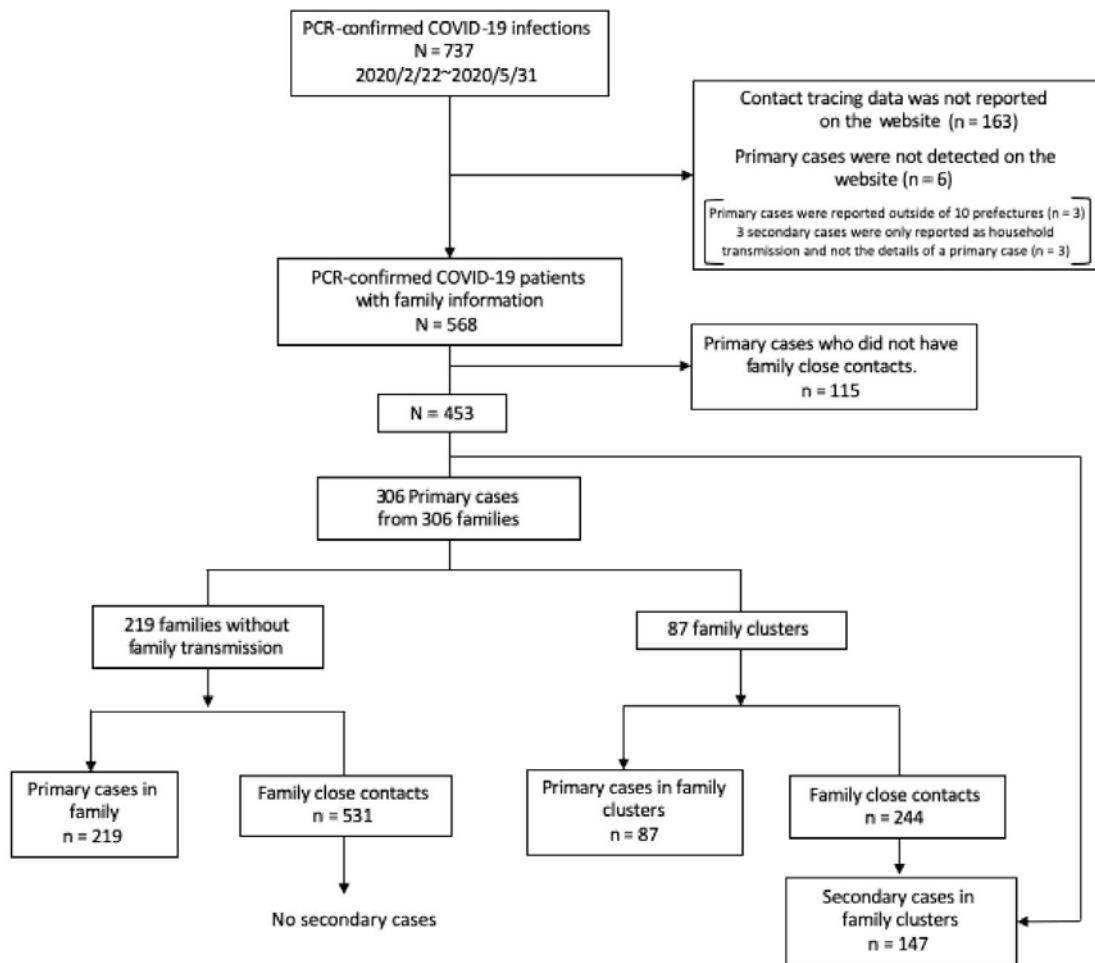*All websites were cited on July 22, 2020.

Appendix Table 2. Family transmission by asymptomatic case-patients in families 1–7 tested for familial clusters of coronavirus disease, Japan, February–May, 2020*

Family	Cluster	Case-patient age, y/sex	Days since diagnosis of primary case													
			−7	−6	−5	−4	−3	−2	−1	0	1	2	3	4	5	6
1	School	<1/F								×						
		10/F														
2	School	<1/M								×						
		40/M														
		30/F														
		80/M														
		70/F														
3	Hospital	60/M								×						
		80/F														
4	Hospital	50/M								×						
		20/F														
5	Nursing home	80/F								×						
		60/M														
6	Nursing home	80/F								×						
		80/M														
7	Restaurant	60/M								×						
		60/F														
		80/F														

*Blue, duration of symptoms; dark gray, case-patients were not included in nonfamilial clusters (e.g., school, hospital, occupational status); empty space, not applicable; orange, diagnosis; ×, primary case in a family. Age: <1 (<1–9 years); 10 (10–19 years), 20 (20–29 years), 30 (30–39 years), 40 (40–49 years), 50 (50–59 years), 60 (60–69 years), 70 (70–79 years), 80 ($\geq$80 years). Primary asymptomatic cases in families 1 (<1/F), 2 (<1/M), 3 (60/M), 4 (50/M), 5 (80/F), 6 (80/F), and 7 (60/M) were diagnosed through outbreak investigation of other clusters, such as a school, nursing home, hospital, and restaurant.

Appendix Figure 1. Locations of 10 prefectures tested for familial clusters of coronavirus disease and accumulated number of cases/100,000 population, Japan, February 22–May 31, 2020.

Appendix Figure 2. Study participants tested for familial clusters of coronavirus disease, Japan, February 22–May 31, 2020. COVID-19, coronavirus disease.