

Thyroid Ultrasound Examination: Results of Full-scale  
Survey (the survey at age 25 years)Latest Examination Results: <https://www.pref.fukushima.lg.jp/site/portal/kenkocycosa-kentoiinkai.html> (in Japanese)

## ● Results of the Primary Examination

	Number of eligible subjects (people)	Number of examinees (people)		Diagnosis rate (%)	Number of those diagnosed (people)				
		Examination rate (%)	Examinees from outside the prefecture		Breakdown by grade (%)			Those recommended to take the Confirmatory Examination	
					A		B		C
					A 1	A 2			
Total	108,713	9,841 (9.1)	3,448	9,520 (96.7)	4,043 (42.5)	4,973 (52.2)	504 (5.3)	0 (0.0)	

Grade A: 94.7%

## ● Results of the Confirmatory Examination

	Number of eligible subjects (people)	Number of examinees (people)	Examination rate (%)	Rate of definitive diagnosis (%)	Number of those who received a definitive diagnosis (people)		
					For next examination		For regular healthcare program, etc.
					A 1	A 2	Those who received fine-needle aspiration cytology
Total	430	353 (82.1)	345 (97.7)	345 (97.7)	2 (0.6)	23 (6.7)	320 (92.8)

\* The total of percentages with one decimal place may not be 100% due to rounding.

## ● Results of the fine-needle aspiration cytology

Malignant or suspicious for malignancy: 16 people; 4 males and 12 females

Average age: 25.4 ± 0.7 years old (24 to 27 years old); At the time of the earthquake: 16.3 ± 1.1 years old (15 to 18 years old)

Average tumor size: 15.6 ± 12.1 mm (5.3 to 49.9 mm)

- Out of 16 people whose tumors were diagnosed as malignant or suspicious for malignancy, 10 received surgery (papillary cancer: 9; follicular cancer: 1).

Prepared based on the material for the 45th Prefectural Oversight Committee Meeting for Fukushima Health Management Survey

From FY2017, during the implementation period of the Full-scale Survey (third-round survey), a survey for those who became 25 years old during the relevant fiscal year was commenced as part of the Full-scale Survey. These are the results of the Primary Examination for residents born in FY1992 through FY1996 and the Confirmatory Examination for those born in FY1992 to FY1995.

Examinees diagnosed as Grade A in the Primary Examination accounted for 94.7% of the total, while those diagnosed as Grade B accounted for 5.3%. Most of those diagnosed as Grade A2 had cysts of 20 mm or smaller and those diagnosed as Grade B had nodules of 5.1 mm or larger. This tendency was the same as that observed so far, but targeted examinees were older than in prior examinations, and therefore, the percentages of those diagnosed as Grade B and those diagnosed to have nodules were higher compared with the Preliminary Baseline Survey and the Full-scale Surveys (second- to fourth-round surveys).

In the Confirmatory Examination, as a result of fine-needle aspiration cytology, 16 examinees were diagnosed that their tumors were malignant or suspicious for malignancy.

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