

Comparison of Definitions of "0" for Selected Nutrients between Hong Kong, China and other countries.

Hong Kong, China				Singapore ^{Remark 1}				Indonesia ^{Remark 2}				Japan ^{Remark 3}				Switzerland ^{Remark 4}				Brazil ^{Remark 5}				USA ^{Remark 6}				Republic of Korea ^{Remark 7}			
	Unit	Round to	Definition of "0" (per 100 g/mL)	Unit	Round to	Definition of "0" (per 100 g/mL)	Unit	Increment Rounding	Definition of "0" (per serving)	Unit	Round to	Definition of "0" (per 100g)	Unit	Round to	Definition of "0"	Unit	Round to	Definition of "0" (declared as "non-significant") (per portion in g/mL)	Nutrient	Increment Rounding (per serving) ⁷	Insignificant amount	Unit	Round to	Definition of "0"							
Energy	kcal or kJ	1	≤ 4 kcal or 17 kJ	kcal or kJ	Declaration of the energy content of food products as "zero" if it is indeed less than 5 calories for each serving	≤ 1 kcal	kcal	< 5 kcal per serving, express as zero 5-50 kcal per serving, express to the nearest 5 kcal increment > 50 kcal per serving, express to the nearest 10 kcal increment	< 5 kcal	kcal	--	< 5 kcal	kcal or kJ	1 10	--	kcal or kJ	1	≤ 4kcal or < 17 kJ	Calories, Calories from Fat, Calories from Saturated Fat	< 5 cal – express as "0" ≤ 50 cal – express to nearest 5 cal increment > 50 cal – express to nearest 10 cal increment	< 5cal	kcal	Actual value may be labeled, or the caloric value shall be rounded up or down to the nearest multiple of 5 kcal.	< 5 kcal							
Protein	g	0.1	≤ 0.5 g	g	The Singapore Food Regulations does not stipulate specific requirements for use of decimal points for declaration of nutrients on the label of a food product. The numerical value may be declared as one or two decimal points, but should not be rounded off to zero.	NIL	g	< 0.5g per serving, express as zero. > 0.5g per serving, express to nearest 1g increment	< 0.5g	g	--	< 0.5 g	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g	For values equal or higher than 100: they should be expressed in whole numbers, with three digits; For values between 100 and 10: they should be declared in whole numbers, with two digits; For values lower than 10, but higher or equal to 1: they should be expressed with one decimal digit; For values lower than 1: . Minerals and Vitamins should be expressed with two decimal digits; Other nutrients should be declared with one decimal digit.	Protein	< 0.5g – express as "0" < 1g – express as "Contains less than 1g" or "less than 1g" or to 1g if 0.5g to < 1g ≥ 1g – express to nearest 1g increment	< 1g	g	Actual value may be labeled, or the value shall be rounded up or down to the nearest integer.	Content less than 1 g may be expressed as "less than 1 g" Content less than 0.5 g may be labeled as "0"								
Carbohydrates	g	0.1	≤ 0.5 g	g		NIL	g	< 0.5g per serving, express as zero. > 0.5g per serving, express to nearest 1g increment	< 0.5g	g	--	< 0.5g	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g		Total Carbohydrate	< 0.5g – express as "0" < 1g – express as "Contains less than 1g" or "less than 1g" ≥ 1g – express to nearest 1g increment	< 1g	g	Actual value may be labeled, or the value shall be rounded up or down to the nearest integer.	Content less than 1 g may be expressed as "less than 1g" Content less than 0.5 g may be labeled as "0"								
Total fat	g	0.1	≤ 0.5 g	g		≤ 0.15g	g	< 0.5g per serving, express as zero. 0.5-5g per serving, express to nearest 0.5g increment > 5g per serving, express to nearest 1g increment	< 0.5g	g	--	< 0.5 g	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g	≤ 0.5g (Can be declared as "0" or "zero" if the quantity of Total Fat, Saturated Fat and Trans Fat is "non-significant" and none of other type of fat is over zero.)	Total Fat, Saturated Fat, Trans Fat, Polyunsaturated Fat, Monosaturated Fat,	< 0.5g – express as "0" < 5g – express to nearest 0.5g increment ≥ 5g – express to nearest 1g increment	< 0.5g	g	Amounts not more than 5 g shall be rounded up or down to the nearest multiple of 0.1 g. Content more than 5 g shall be rounded up or down to the nearest integer.	Amounts less than 0.5 g may be expressed as "0"								
Saturated fatty acids	g	0.1	≤ 0.5 g	g		≤ 0.5g per 100g and ≤ 1% of the total fat is trans fatty acids	g	< 0.5g per serving, express as zero 0.5-5g per serving, express to nearest 0.5g increment > 5g per serving, express to nearest 1g increment	< 0.5g	g	--	< 0.1 g	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g		Total Fat, Saturated Fat, Trans Fat, Polyunsaturated Fat, Monosaturated Fat,	< 0.5g – express as "0" < 5g – express to nearest 0.5g increment ≥ 5g – express to nearest 1g increment	< 0.5g	g	Amounts not more than 5 g shall be rounded up or down to the nearest multiple of 0.1 g. Content more than 5 g shall be rounded up or down to the nearest integer.	Amounts less than 0.5 g may be expressed as "0"								
Trans fatty acids	g	0.1	≤ 0.3 g	g		≤ 0.5g per 100g	g	< 0.5g per serving, express as zero 0.5-5g per serving, express to nearest 0.5g increment > 5g per serving, express to nearest 1g increment	< 0.5g	--	--	--	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g						g	Amounts not more than 5 g shall be rounded up or down to the nearest multiple of 0.1 g. Content more than 5 g shall be rounded up or down to the nearest integer.	Trans fat less than 0.5 g and less than 0.2 g may be stated as "less than 0.5 g" and "0" respectively. For edible fats and oils, amounts less than 2 g per 100 g may be expressed as "0"							

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Unit	Round to	Definition of "0" (per 100 g/mL)	Unit	Round to	Definition of "0" (per 100 g/mL)	Unit	Increment Rounding	Definition of "0" (per serving)	Unit	Round to	Definition of "0" (per 100g)	Unit	Round to	Definition of "0"	Unit	Round to	Definition of "0" (declared as "non-significant") (per portion in g/mL)	Nutrient	Increment Rounding (per serving) [†]	Insignificant amount	Unit	Round to	Definition of "0"	
Sodium	mg	1	≤ 5 mg	mg	≤ 5mg per 100g	mg	< 5mg per serving, express as zero 5-140mg per serving, express to nearest 5mg increment > 140mg per serving, express to nearest 10mg increment	< 5mg	mg	--	< 5 mg	g	0.01g (≥ 0.005g to < 1.00g); 0.1g (≥ 1.0g)	< 0.005 g	mg		≤ 5mg	Sodium	< 5 mg – express as "0" 5-140 mg – express to nearest 5 mg increment > 140 mg – express to nearest 10 mg increment	< 5mg	mg	Actual value may be labeled, or more than 120 mg shall be rounded up or down to the nearest multiple of 5 mg. Content more than 120 mg shall be rounded up or down to the nearest multiple of 10 mg.	Amounts less than 5 mg may be expressed as "0"	
Sugars	g	0.1	≤ 0.5 g	g	≤ 0.5g	g	< 0.5g per serving, express as zero. > 0.5g per serving, express to nearest 1g increment	< 0.5g	g	--	< 0.5 g	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g		Values not established due to its lack of obligation to declare	Soluble and Insoluble Fiber Sugars, Sugar Alcohol, Other Carbohydrate	< 0.5g – express as "0" < 1g – express as "Contains less than 1g" or "less than 1g" ≥ 1g – express to nearest 1g increment	< 0.5g	g	Actual value may be labeled, or the value shall be rounded up or down to the nearest integer.	Content less than 1 g may be expressed as "less than 1g" Content less than 0.5 g may be labeled as "0"	
Dietary Fibre	g	0.1	≤ 1.0 g	g	NIL	g	< 0.5g per serving, express as zero. > 0.5g per serving, express to nearest 1g increment	< 0.5g	g	--	--	g	0.1g (≤ 0.5g to < 1.0g); 0.5g (≥ 1.0g to 5.0g); 1g (≥ 5.0g)	< 0.5 g	g		≤ 0.5g	Dietary Fiber	< 0.5g – express as "0" < 1g – express as "Contains less than 1 g" or "less than 1g" ≥ 1g – express to nearest 1g increment	< 1g	g	--	--	
Cholesterol	mg	1	≤ 5 mg	mg	Food derived solely from plant source: 0g per 100g Other food products: ≤ 5mg per 100g and meets conditions for "low saturated fatty acids" food	mg	< 2mg per serving, express as zero. 2-5mg per serving, express to nearest 1mg increment > 5mg per serving, express to nearest 5mg increment	< 2mg	mg	--	< 5 mg	mg	10mg (≥ 5mg to 1000mg); 100 mg (≥ 1000)	< 5 mg	g		Values not established due to its lack of obligation to declare	Cholesterol	< 2 mg – express as "0" 2-5 mg – express as "less than 5 mg" > 5 mg – express as nearest 5 mg increment	< 2mg	mg	Actual value may be labeled, or the value shall be rounded up or down to the nearest multiple of 5 mg.	Contents of 2 mg or more but less than 5 mg may be stated as "less than 5 mg" Contents less than 2 mg may be labeled as "0"	

[†] To be confirmed or updated

[†] To express nutrient values to the nearest 1 g increment, for amounts falling exactly halfway between two whole numbers or higher (e.g., 2.5 to 2.99 g), round up (e.g., 3 g). For amounts less than halfway between two whole numbers (e.g., 2.01 g to 2.49 g), round down (e.g., 2 g).

Remark 1 : Information provided by Agri-Food & Veterinary Authority, Singapore on 4.8.2008

Remark 2 : Information provided by Trade Consul of Konsulat Jenderal Republik Indonesia Hong Kong on 15.10.2008

Remark 3 : Information provided by Consulate-General of Japan on 23.7.2008

Remark 4 : Information provided by Swiss Federal Office of Public Health, Switzerland on 29.9.2008

Remark 5 : Information provided by National Health Surveillance Agency, Ministry of Health of Brazil on 3.9.2008

Remark 6 : Information provided by Consulate-General of U.S. on 14.7.2008 is re-organised by CFS

Remark 7 : Information provided by Consulate-General of Republic of Korea on 9.7.2009