



Breastfeeding Rates and Breastfeeding Practice in Taiwan: A City and County Survey of Women

Shen-Mao Hsu¹, Ph.D., Shu-Ti Chiou², M.D., Ph.D., Yi-Hua Chen³, Ph.D., Ping-Ling Chen⁴, Ph.D. and Chao-Huei Chen⁵

1.College of General Education, National Chin-Yi University of Technology, Taichung, Taiwan

2.Bureau of Health Promotion, Department of Health, Department of Health, R.O.C.(Taiwan), New Taipei City, Taiwan

3.Department of Public Health, Taipei Medical University, Taipei, Taiwan

4.Department of Nursing, Taipei Medical University, Taipei, Taiwan

5.Dr., Department of Pediatrics, Taichung. Veterans General Hospital, Division of Neonatology, Taichung, Taiwan

Introduction

Breastfeeding is very important factor for infant health, because human breast milk has the nutrition for infants. Breastfeeding has positive impact on the health of mother and child, social and economic benefits to families.

Objective

This objectives of this study were to report the City and the County levels' breastfeeding rates by participants in the maternity experience survey of the Taiwan.

Methods

The breastfeeding rate surveillance is a county/city based surveillance. Including hospitalization and at 1 and 2 months after delivery. The 11,015 eligible Women were selected from a randomly selected sample of infants born 4-8 months before the maternity experience survey, and stratified by City or County.

From October 2010 to November 2010, research samples were selected from databank of infants. the Taiwan by telephone, with maternity experience sample. Computer-assisted telephone interview surveys were conducted by the Taiwan Epidemiology Association (TEA). The survey took approximately 10 minutes to complete.

Table 1. County/City exclusive breastfeeding rate

	N	Exclusive Breastfeeding Rate		
		Hospital(95%CI)	1 Month(95%CI)	2 Month(95%CI)
All*	10607	96.18(95.81-96.56)	64.32(63.37-65.28)	51.55(50.56-52.55)
Taipei county	915	96.61(95.46-97.77)	61.31(58.20-64.42)	49.68(46.49-52.87)
Yilan County	338	96.84(95.46-97.77)	66.47(61.50-71.45)	52.14(46.88-57.42)
Taoyuan County	689	94.25(92.56-95.94)	59.37(55.80-62.93)	46.78(43.15-50.41)
HsinChia County	449	97.19(95.69-98.70)	66.16(61.84-70.48)	54.31(49.76-58.85)
Miaoli County	304	93.53(90.85-96.22)	60.30(54.96-65.65)	45.53(40.09-50.98)
Taichung County	661	95.10(93.49-96.71)	62.10(58.48-65.72)	47.83(44.11-51.56)
Changhua County	743	96.61(95.33-97.89)	62.15(58.72-65.59)	46.81(43.27-50.34)
Nantou County	316	97.52(95.81-99.22)	67.80(62.67-72.92)	56.03(50.59-61.47)
Yulin County	466	94.71(92.73-96.69)	59.75(55.40-64.10)	44.71(40.30-49.12)
Chiayi County	347	93.76(91.28-96.24)	62.05(57.08-67.03)	50.13(45.01-55.26)
Tainan County	430	95.55(93.64-97.46)	62.44(57.95-66.93)	50.44(45.80-55.08)
Kaohsiung County	522	95.77(94.08-97.47)	64.03(59.99-68.07)	49.35(45.14-53.56)
Pingtung County	490	95.89(94.17-97.62)	59.76(55.50-64.02)	48.04(43.70-52.38)
Taidong County	154	97.47(94.99-99.94)	65.19(57.68-72.70)	54.43(46.58-62.28)
Hualien County	294	98.66(97.34-99.97)	75.83(70.95-80.73)	63.08(57.58-68.60)
Penghu County	104	95.41(91.42-99.40)	62.39(53.15-71.62)	42.20(32.78-51.62)
Keelung City	153	92.17(88.04-96.30)	63.25(55.84-70.66)	48.19(40.51-55.87)
Hsinhua City	439	97.75(96.37-99.13)	71.74(67.55-75.94)	58.53(53.93-63.11)
Taihang City	605	98.69(97.79-99.59)	71.49(67.91-75.07)	58.46(54.56-62.37)
Chiayi City	221	96.50(94.11-98.90)	65.50(59.30-71.71)	54.58(48.09-61.08)
Tainan City	472	95.93(94.18-97.68)	59.75(55.40-64.10)	47.76(43.33-52.19)
Jiamen County	92	97.87(94.90-100.00)	68.08(58.49-77.68)	54.25(44.00-64.51)
Linying County	7	100.00(94.17-97.62)	85.71(50.76-100.00)	71.42(26.30-100.00)
Taipei City	707	97.65(96.54-98.75)	69.33(65.97-72.70)	59.39(55.80-62.97)
Kaohsiung City	685	96.61(95.28-97.94)	64.45(60.92-67.98)	50.63(46.94-54.32)

Table 2. County/City total breastfeeding rate

	N	Total Breastfeeding Rate		
		Hospital(95%CI)	1 Month(95%CI)	2 Month(95%CI)
All*	1059	96.30(95.92-96.67)	86.93(86.27-87.59)	74.05(73.18-74.92)
Taipei county	915	96.72(95.58-97.85)	87.31(85.19-89.43)	74.52(71.74-77.30)
Yilan County	338	95.98(95.99-93.92)	82.52(78.52-86.51)	70.20(65.38-75.03)
Taoyuan County	689	93.98(92.25-95.70)	81.80(79.00-84.60)	68.67(65.30-72.04)
HsinChia County	449	96.98(95.42-98.54)	88.36(85.43-91.29)	76.29(72.40-80.17)
Miaoli County	304	92.92(90.12-95.72)	82.15(77.96-86.33)	65.53(60.34-70.73)
Taichung County	661	94.95(93.32-96.58)	82.99(80.19-85.79)	67.72(64.23-71.21)
Changhua County	743	96.22(94.87-97.57)	86.60(84.19-89.01)	71.00(67.78-74.21)
Nantou County	316	96.90(95.00-98.80)	89.47(86.10-92.83)	77.70(73.14-82.27)
Yulin County	466	94.51(92.49-96.53)	81.09(77.62-84.56)	66.66(62.48-70.84)
Chiayi County	347	93.22(90.64-95.80)	85.09(81.44-88.74)	73.71(69.20-78.22)
Tainan County	430	95.33(93.37-97.28)	84.66(81.32-88.00)	70.66(66.44-74.88)
Kaohsiung County	522	95.59(93.86-97.32)	84.77(81.74-87.79)	69.17(65.28-73.06)
Pingtung County	490	96.28(94.64-97.93)	83.59(80.37-86.81)	69.14(65.12-73.15)
Taidong County	154	98.10(95.95-100.00)	87.97(82.85-93.10)	74.68(67.83-81.54)
Hualien County	294	98.65(97.34-99.97)	91.94(88.84-95.05)	84.22(80.07-88.39)
Penghu County	104	94.49(90.15-98.85)	88.07(81.89-94.26)	69.72(60.96-78.49)
Keelung City	153	92.77(88.79-96.75)	80.12(73.99-86.26)	65.06(57.73-72.39)
Hsinhua City	439	98.43(97.27-99.58)	89.46(86.60-92.32)	80.26(76.56-83.97)
Taihang City	605	99.18(98.47-99.89)	92.83(90.78-94.87)	82.89(79.91-85.88)
Chiayi City	221	96.94(94.70-99.19)	90.39(86.55-94.29)	77.72(72.30-83.16)
Tainan City	472	96.54(94.92-98.16)	87.80(84.90-90.70)	75.00(71.16-78.83)
Jamen County	92	97.87(94.90-100.00)	90.42(84.37-96.48)	77.65(69.08-86.24)
Linying County	7	100.00(100.0-100.0)	100.00(100.0-100.0)	71.42(26.30-100.00)
Taipei City	707	97.09(95.87-98.32)	92.26(90.31-94.21)	83.28(80.56-86.01)
Kaohsiung City	685	97.17(95.95-98.40)	88.99(86.68-91.30)	73.76(70.52-77.01)

Results

- Of the 10,115 women were including in the survey.
- 90.9% were native Taiwanese, 9.1% were foreign spouse.
- 10,607 participants response the survey, the exclusive breastfeeding rate in first month is 64.32%, and the second month is 51.55%.
- 10,594 participants response the survey, the total breastfeeding rate in first month is 86.93%, and the second month is 74.05%.

Conclusions

- The exclusive breastfeeding rate were decreasing at two month after pregnancy, 13% of mother who has initiated exclusive breastfeeding no longer.
- At two month after pregnancy, 12% of mother who has initiated quit breastfeeding.
- The mothers live in county initiated exclusive breastfeeding longer than the mothers in city.
- The mothers live in county initiated total breastfeeding longer than the mothers in city.

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