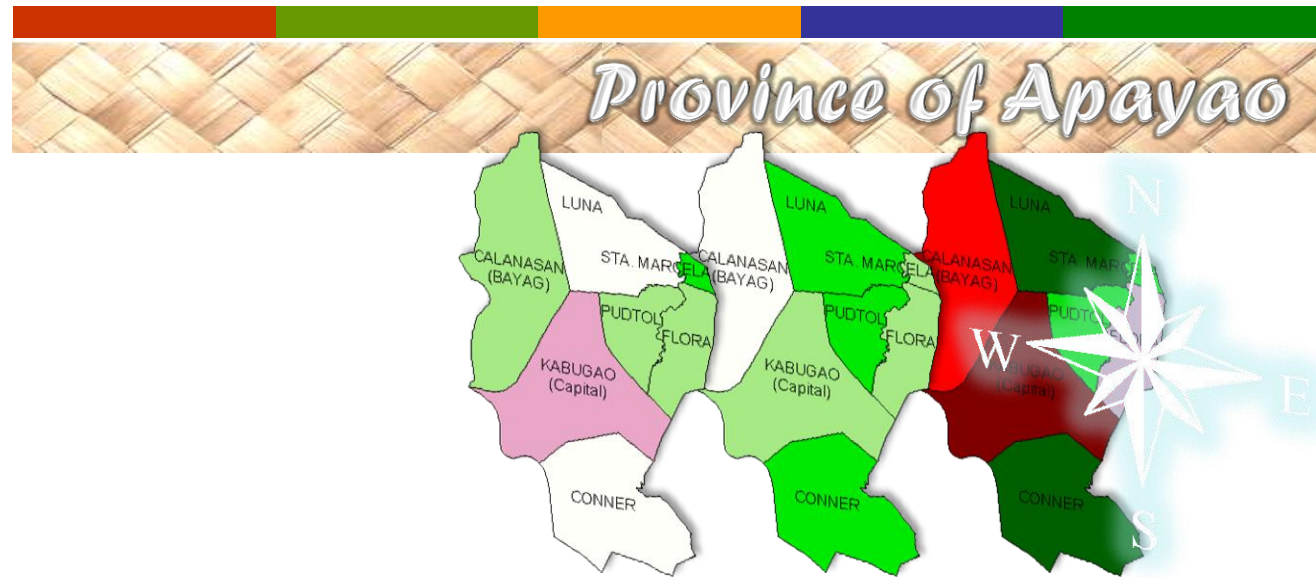


# POVERTY INDEX MAPS, 2007 & 2009



Republika ng Pilipinas  
PAMBANSANG LUPON SA UGNAYANG PANG-ESTADISTIKA  
(NATIONAL STATISTICAL COORDINATION BOARD)  
Regional Division – Cordillera Administrative Region  
<http://www.nscb.gov.ph/rucar>

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




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## HOW TO READ THE MAPS

The municipal indices are plotted using GIS tools and technology. Maps are made for the individual indicators, the composite indices and the over-all poverty index.

**Seven intervals** are used in the maps. Three intervals with ranges 0-33.9 percent (best) , 34-66.9 percent (better) and 67-99.9 percent (good) represent the performance of the municipalities whose achievements are better than the average provincial values. The 100-133.9 percent range would include the municipalities with performance at least equal to but not more than one-and-a-half times the provincial value. Similarly, the 134-166.9 percent (bad), 167-199.9 percent (worse) and 200 percent and over (worst) ranges would indicate the municipalities that are above the provincial average.

LEGEND	
RANGE	RATING
 0 - 33.9	Best
 34 - 66.9	Better
 67 - 99.9	Good
 100 - 133.9	Average
 134 - 166.9	Bad
 167 - 199.9	Worse
 200 and above	Worst
 No data	
Province = 100	

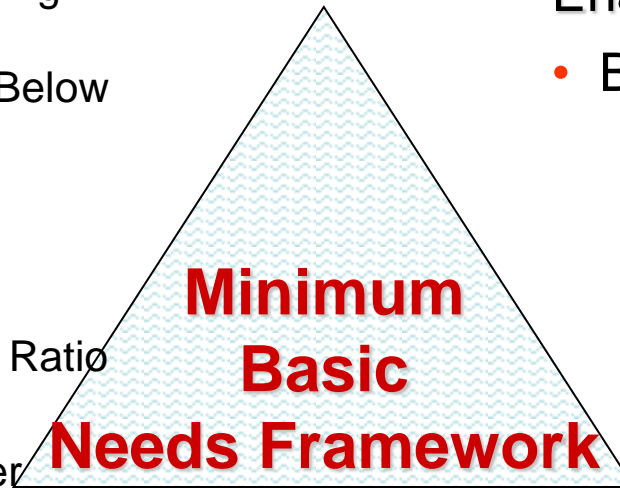
The poverty maps applied a **red to green color scheme**. This is to better distinguish the difference between the municipalities and readily identify municipalities that need intervention. Having seven intervals, the three classes are in the shades of red, three are in the shades of green and one that is in the **middle uses the shade of light yellow**. The **white** color is used to portray an area without and/or missing data.

The three intervals of 0-33.9 percent, 34-66.9 percent and 67-99.9 percent use the shades of green, using a darker shade of green for 0-33.9 percent, a lighter shade of green for 34-66.9 percent and the lightest shade of green for the 67-99.9 percent interval. Thus, a **darker shade of green** portrays the **best situation** as compared to the other municipalities of the province. The **light yellow** shade is portrayed with the values 100-133.9 percent. This range is within the provincial index of 100, meaning indices less than 100 percent indicates a better situation than the overall performance of the province. Those indices that have a higher value than 100 percent indicate a worse situation than the provincial performance. Three intervals are used for this, the 134-166.9 percent, the 167-199.9 percent and the 200 percent and over interval. The first two intervals use **lighter shades of red** to portray the alarming performances of the municipalities. The **darkest red or maroon** shade is used for the 200 percent and above interval so that it would give the viewer an instant picture of which area has an alarming situation or has the **worst situation** among the municipalities within the province.

# 2007 & 2009 MBN Data Gathered

## Survival

- Food and Nutrition
  - Newborn with Less Than 2.5 kg birthweight
  - Children 0-6 Years Old with Below & Above Normal Weight
- Health
  - Child Deaths
  - Infant Deaths
  - Population to Health Worker Ratio
- Water and Sanitation
  - HH w/o Access to Safe Water



## Enabling

- Basic education
  - Elementary Non-survival Rate

## Security

- Peace and Order
  - Crime Against Person

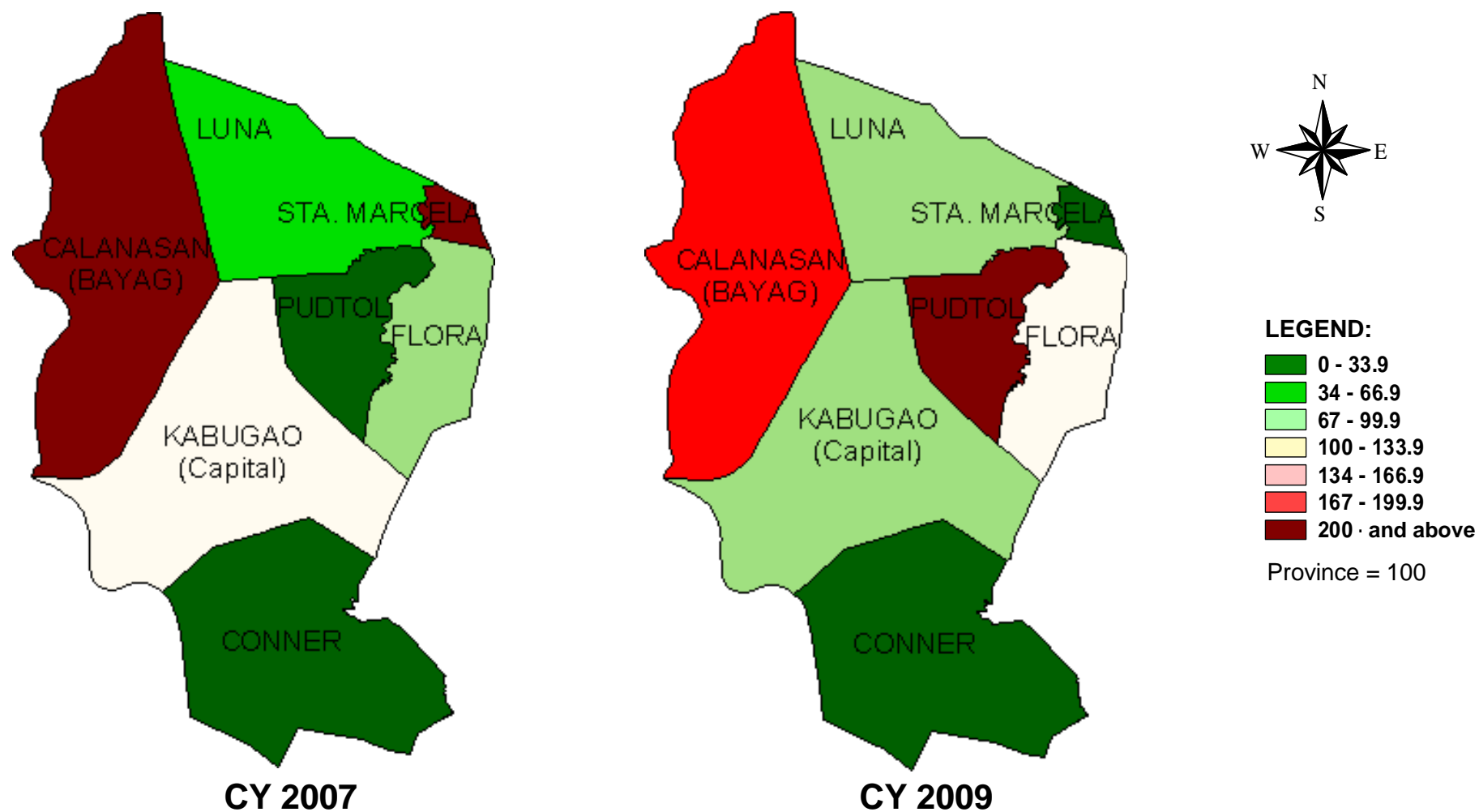
# POVERTY INDEX MAPS

- Map 1**     [Newborn with Birthweight Less Than 2.5 Kilograms, Apayao Province: 2007 and 2009](#)
- Map 2**     [School Children 0-6 Years Old Who Are Below Normal, Normal and Above Normal Weight, Apayao Province: 2007 and 2009](#)
- Map 3**     [Nutrition Index, Apayao Province: 2007 and 2009](#)
- Map 4**     [Infant Deaths, Apayao Province: 2007 and 2009](#)
- Map 5**     [Child Deaths, Apayao Province: 2007 and 2009](#)
- Map 6**     [Population to Health Workers Ratio, Apayao Province: 2007 and 2009](#)
- Map 7**     [Health Index, Apayao Province: 2007 and 2009](#)
- Map 8**     [Households With No Access to Safe Water, Apayao Province: 2007 and 2009](#)
- Map 9**     [Survival Index, Apayao Province: 2007 and 2009](#)
- Map 10**    [Elementary Non-survival Rate, Apayao Province: 2007 and 2009](#)
- Map 11**    [Enabling Index, Apayao Province: 2007 and 2009](#)
- Map 12**    [Crime Against Person, Apayao Province: 2007 and 2009](#)
- Map 13**    [Security Index, Apayao Province: 2007 and 2009](#)
- Map 14**    [Poverty Index, Apayao Province: 2007 and 2009](#)

# DATA & INDEX TABLES

<b>Table 1</b>	<a href="#"><u>Newborn with Birthweight Less Than 2.5 Kilograms, Apayao Province: 2007 and 2009</u></a>
<b>Table 2</b>	<a href="#"><u>School Children 0-6 Years Old Who Are Below Normal, Normal and Above Normal Weight, Apayao Province: 2007 and 2009</u></a>
<b>Table 3</b>	<a href="#"><u>Nutrition Index, Apayao Province: 2007 and 2009</u></a>
<b>Table 4</b>	<a href="#"><u>Infant Deaths, Apayao Province: 2007 and 2009</u></a>
<b>Table 5</b>	<a href="#"><u>Child Deaths, Apayao Province: 2007 and 2009</u></a>
<b>Table 6</b>	<a href="#"><u>Population to Health Workers Ratio, Apayao Province: 2007 and 2009</u></a>
<b>Table 7</b>	<a href="#"><u>Health Index, Apayao Province: 2007 and 2009</u></a>
<b>Table 8</b>	<a href="#"><u>Households With No Access to Safe Water, Apayao Province: 2007 and 2009</u></a>
<b>Table 9</b>	<a href="#"><u>Survival Index, Apayao Province: 2007 and 2009</u></a>
<b>Table 10</b>	<a href="#"><u>Elementary Non-survival Rate, Apayao Province: 2007 and 2009</u></a>
<b>Table 11</b>	<a href="#"><u>Enabling Index, Apayao Province: 2007 and 2009</u></a>
<b>Table 12</b>	<a href="#"><u>Crime Against Person, Apayao Province: 2007 and 2009</u></a>
<b>Table 13</b>	<a href="#"><u>Security Index, Apayao Province: 2007 and 2009</u></a>
<b>Table 14</b>	<a href="#"><u>Poverty Index, Apayao Province: 2007 and 2009</u></a>

**Map 1. Newborn with Birthweight Less Than 2.5 Kilograms,  
Apayao Province: 2007 & 2009**



\* Children 0-6 years old who are underweight and overweight.

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

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Table 1

**NEWBORN WITH BIRTHWEIGHT LESS THAN 2.5 KILOGRAMS**

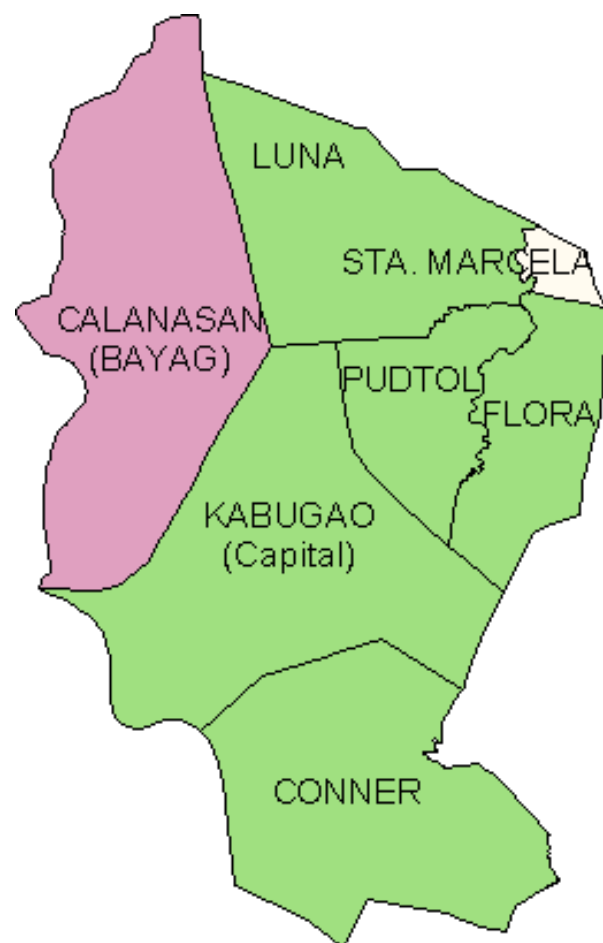
Apayao Province

2007 and 2009

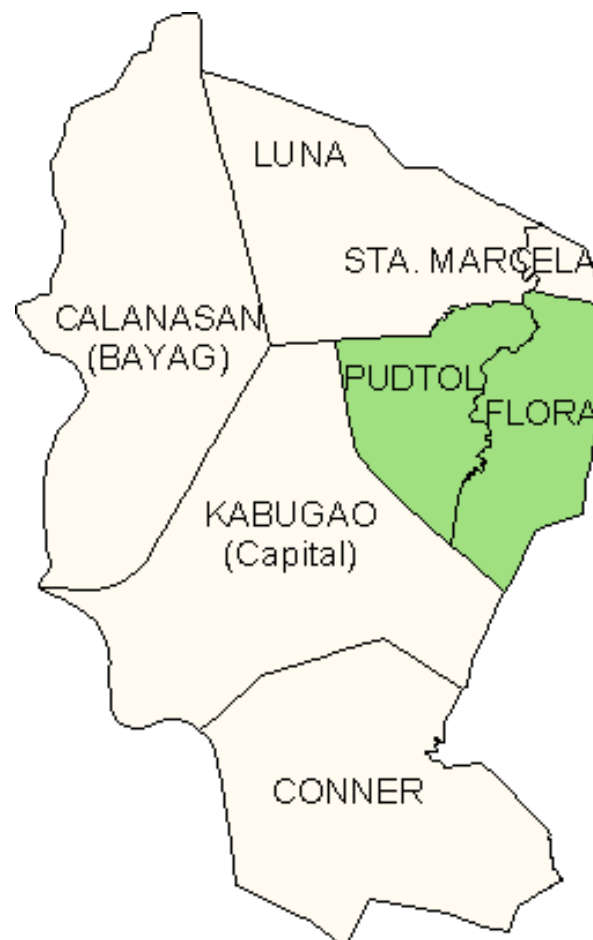
Municipality	2007			2009		
	Number	Prop (%)	Index	Number	Prop (%)	Index
Calanasan	24	11.59	376.27	12	5.63	193.22
Conner	1	0.17	5.52	2	0.33	11.43
Flora	10	2.76	89.65	9	2.94	100.87
Kabugao	16	3.85	124.82	7	2.46	84.53
Luna	6	1.98	64.26	8	2.67	91.46
Pudtol	3	0.94	30.62	25	9.54	327.26
Santa Marcela	15	6.25	202.83	1	0.43	14.91
<b>APAYAO</b>	<b>75</b>	<b>3.08</b>	<b>100.00</b>	<b>64</b>	<b>2.92</b>	<b>100.00</b>

Source of basic data: Provincial Health Office

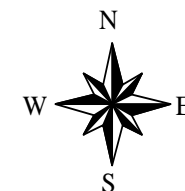
**Map 2. School Children 0-6 Years Old Below and Above Normal Weight, Apayao Province: 2007 & 2009**



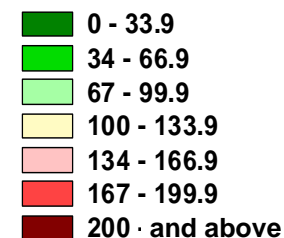
**CY 2007**



**CY 2009**



**LEGEND:**



Province = 100

*Note: Boundaries are not considered authoritative.*

*Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.*

**MBN**

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Table 2

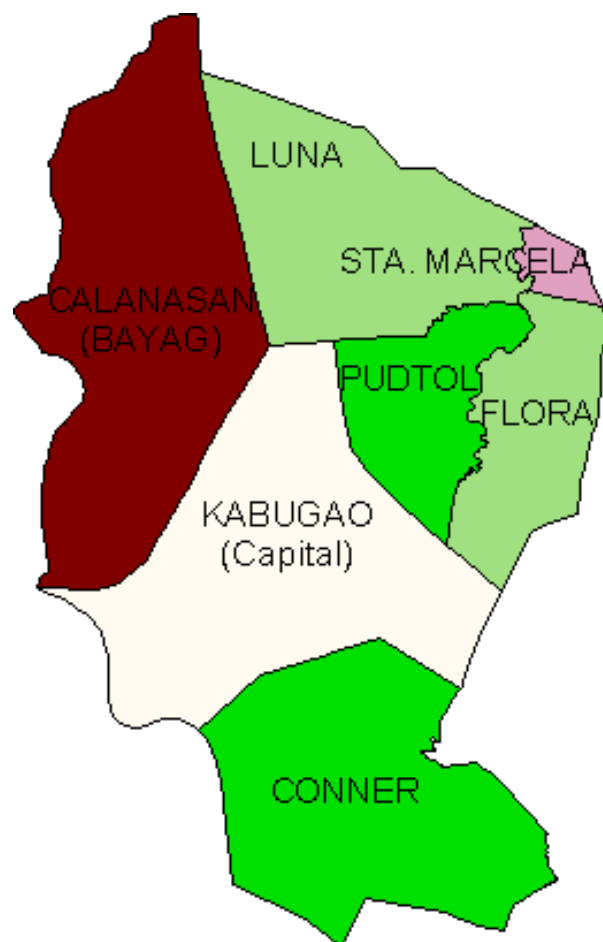
**SCHOOL CHILDREN 0-6 YEARS OLD WHO ARE BELOW NORMAL AND ABOVE NORMAL WEIGHT**

Apayao Province  
2007 and 2009

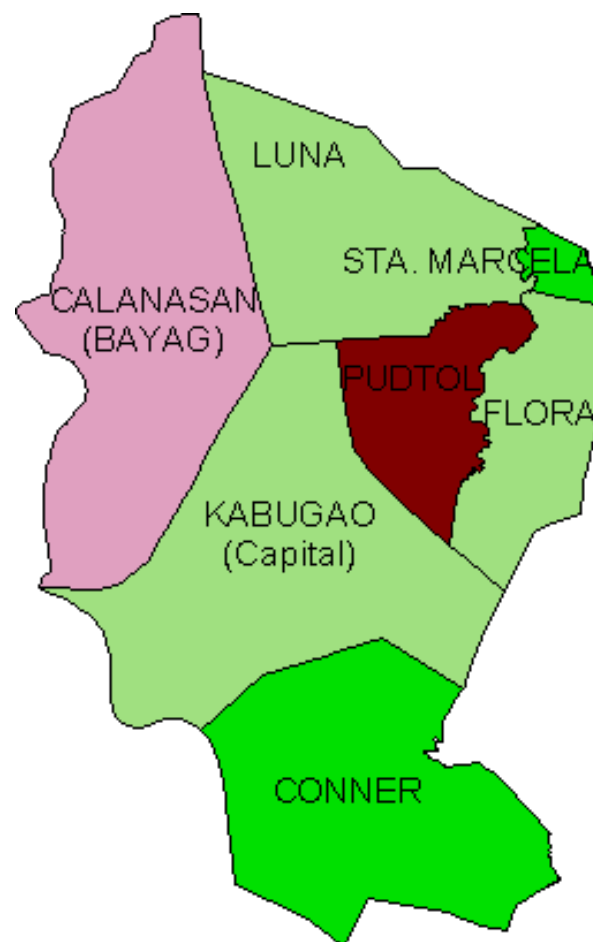
Municipality	2007			2009		
	Number	Prop (%)	Index	Number	Prop (%)	Index
Calanasan	427	34.46	152.21	462	28.10	123.66
Conner	787	21.56	95.20	1003	22.83	100.44
Flora	488	20.40	90.10	422	17.79	78.28
Kabugao	234	18.31	80.86	709	24.24	106.66
Luna	508	22.43	99.05	597	22.79	100.30
Pudtol	405	22.28	98.39	429	19.95	87.80
Santa Marcela	359	23.54	103.97	413	25.02	110.07
<b>APAYAO</b>	<b>3,208</b>	<b>22.64</b>	<b>100.00</b>	<b>4,035</b>	<b>22.73</b>	<b>100.00</b>

Source of basic data: Department of Education

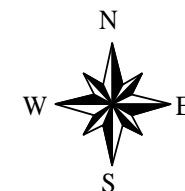
# Map 3. Nutrition Index\*, Apayao Province: 2007 & 2009



**CY 2007**



**CY 2009**



## LEGEND:

- 0 - 33.9
- 34 - 66.9
- 67 - 99.9
- 100 - 133.9
- 134 - 166.9
- 167 - 199.9
- 200 and above

Province = 100

\* Composite index of newborn with birthweights less than 2.5 kg. and school children 0-6 yrs old with below and above normal weights

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

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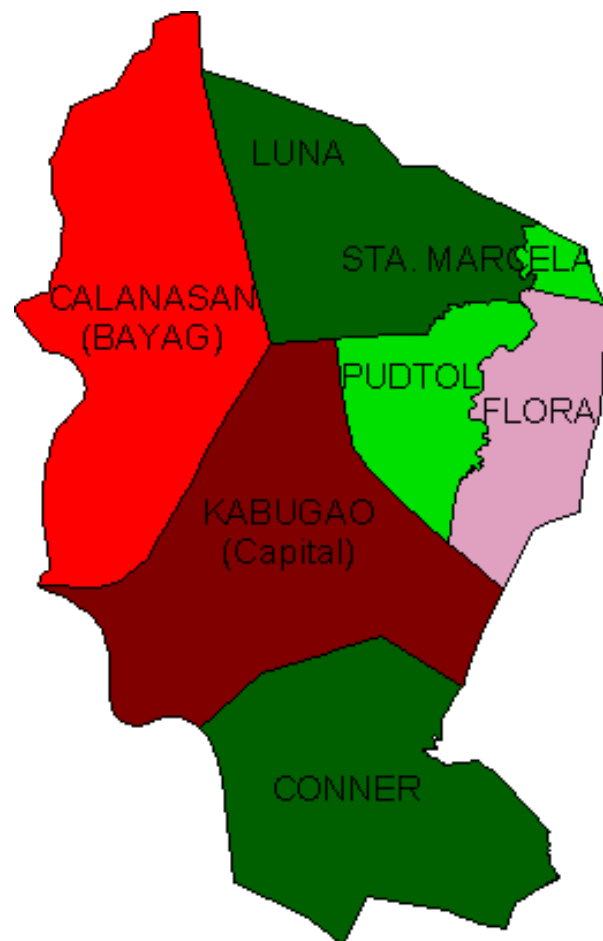
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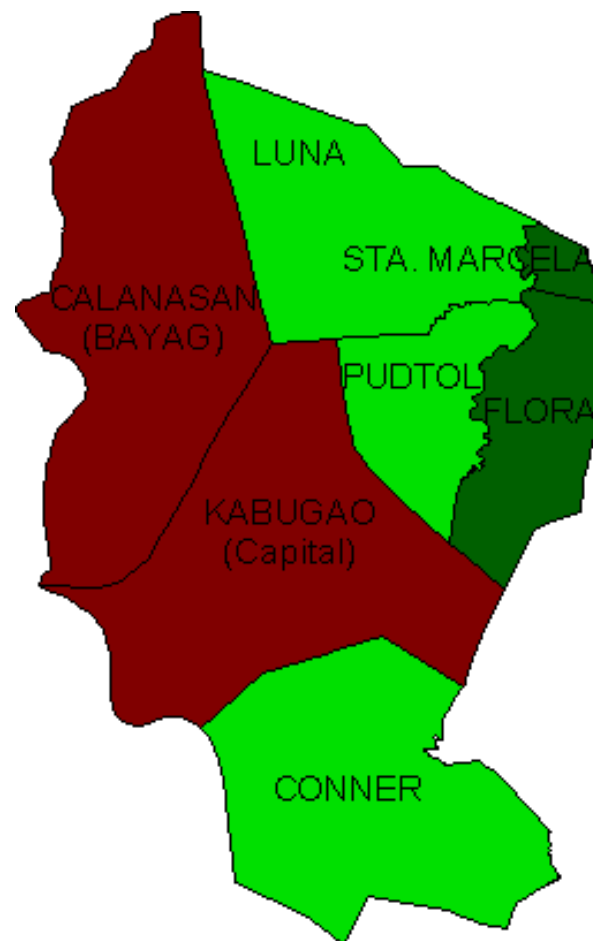
Table 3  
**NUTRITION INDEX**  
 Apayao Province  
 2007 and 2009

Municipality	2007	2009
Calanasan	264.24	158.44
Conner	50.36	55.94
Flora	89.88	89.58
Kabugao	102.84	95.60
Luna	81.66	95.88
Pudtol	64.50	207.53
Santa Marcela	153.40	62.49
<b>APAYAO</b>	100.00	100.00

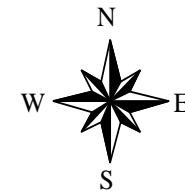
# Map 4. Infant Deaths\*, Apayao Province: 2007 & 2009



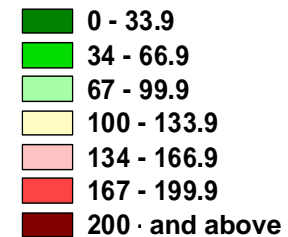
**CY 2007**



**CY 2009**



**LEGEND:**



Province = 100

\* Infants below 1 year old

*Note: Boundaries are not considered authoritative.*

*Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.*

**MBN**

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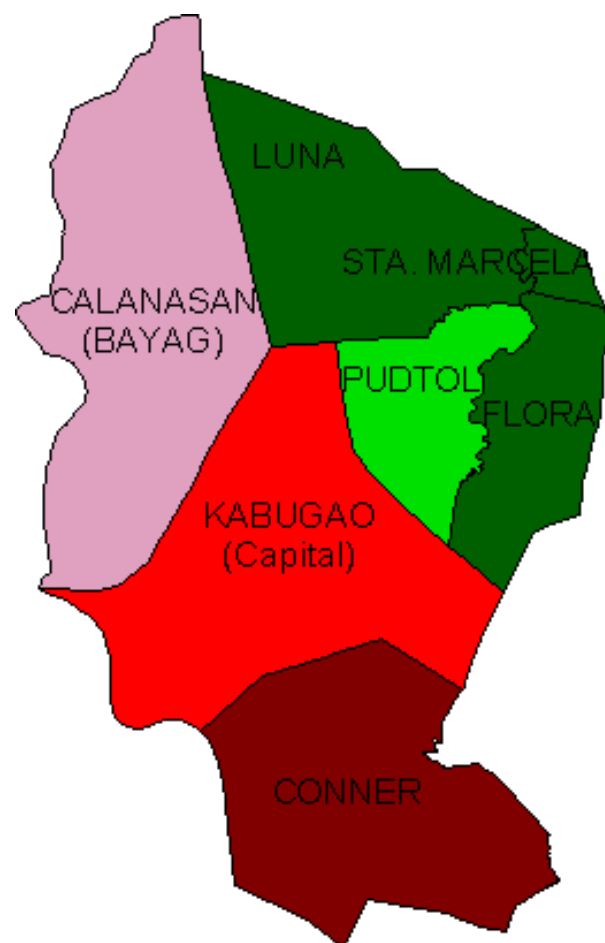
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Table 4  
**INFANT DEATHS (BELOW 1 YEAR OLD)**  
 Apayao Province  
 2007 and 2009

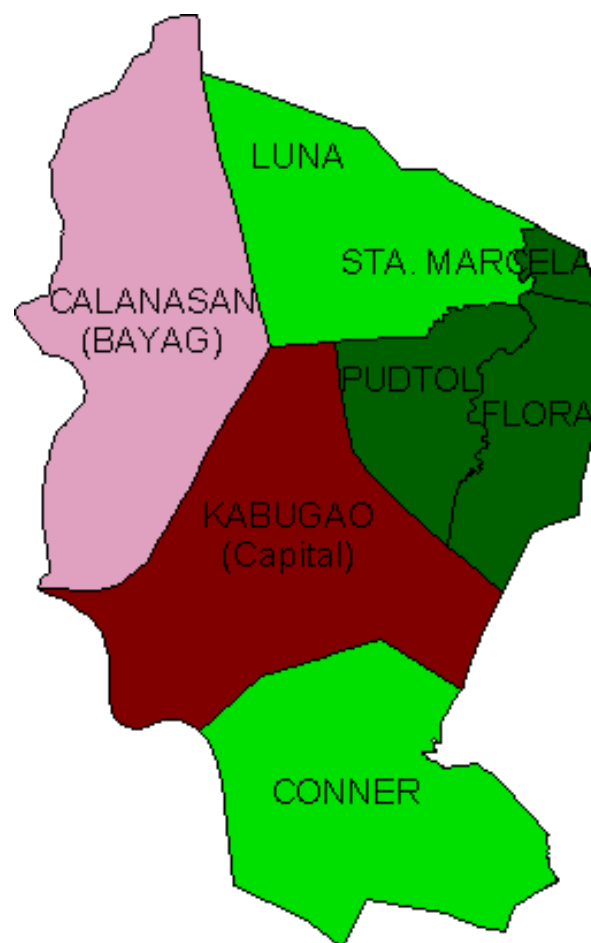
Municipality	2007				2009			
	Number	No. of Livebirths	Prop (%)	Index	Number	Number of Livebirths	Prop (%)	Index
Calanasan	4	207	19.32	188.14	6	213	28.17	463.77
Conner	2	588	3.40	33.12	2	600	3.33	81.63
Flora	5	362	13.81	134.48	0	306	0.00	331.49
Kabugao	10	416	24.04	234.04	9	284	31.69	576.92
Luna	1	303	3.30	32.13	1	300	3.33	79.21
Pudtol	2	318	6.29	61.23	1	262	3.82	150.94
Santa Marcela	1	240	4.17	40.57	0	230	0.00	100.00
<b>APAYAO</b>	<b>25</b>	<b>2,434</b>	10.27	100.00	<b>19</b>	<b>2,195</b>	8.66	246.51

Source of basic data: Provincial Health Office

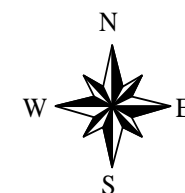
# Map 5. Child Deaths\*, Apayao Province: 2007 & 2009



**CY 2007**



**CY 2009**



## LEGEND:

- 0 - 33.9
- 34 - 66.9
- 67 - 99.9
- 100 - 133.9
- 134 - 166.9
- 167 - 199.9
- 200 and above

Province = 100

\* Children under 5 years old

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

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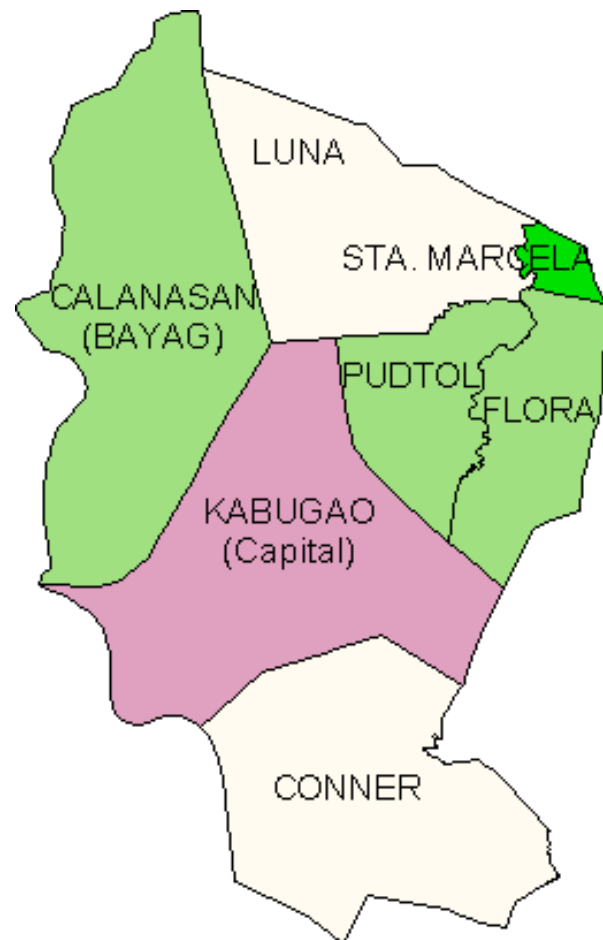
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Table 5  
**CHILD DEATHS (UNDER 5 YEARS OLD)**  
 Apayao Province  
 2007 and 2009

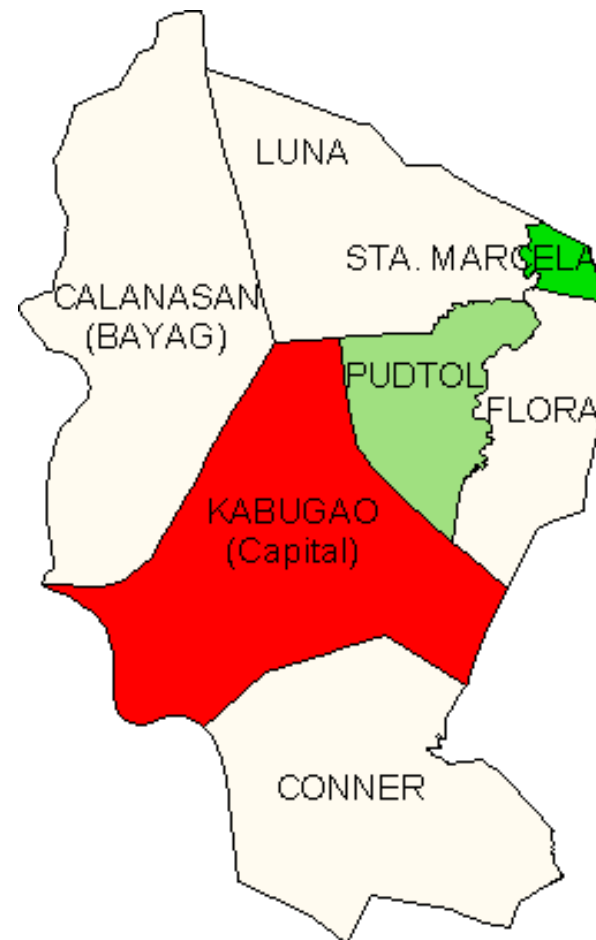
Municipality	2007				2009			
	Number	Total No. of Children 5 Years Old and Below	Prop (%)	Index	Number	Total No. of Children 5 Years Old and Below	Prop (%)	Index
Calanasan	3	1,850	0.16	162.50	7	1,931	0.36	161.29
Conner	6	2,951	0.20	203.74	3	3,081	0.10	43.32
Flora	0	2,147	0.00	0.00	0	2,241	0.00	0.00
Kabugao	4	2,020	0.20	198.43	17	2,109	0.81	358.65
Luna	0	2,044	0.00	0.00	3	2,135	0.14	62.52
Pudtol	1	1,594	0.06	62.87	0	1,665	0.00	0.00
Santa Marcela	0	1,423	0.00	0.00	0	186	0.00	0.00
<b>APAYAO</b>	14	14,029	0.10	100.00	30	13,348	0.22	100.00

Source of basic data: Provincial Health Office

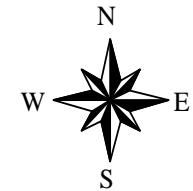
**Map 6. Population to Health Workers Ratio,  
Apayao Province: 2007 & 2009**



**CY 2007**



**CY 2009**



**LEGEND:**

- 0 - 33.9
- 34 - 66.9
- 67 - 99.9
- 100 - 133.9
- 134 - 166.9
- 167 - 199.9
- 200 and above

Province = 100

*Note: Boundaries are not considered authoritative.*

*Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.*

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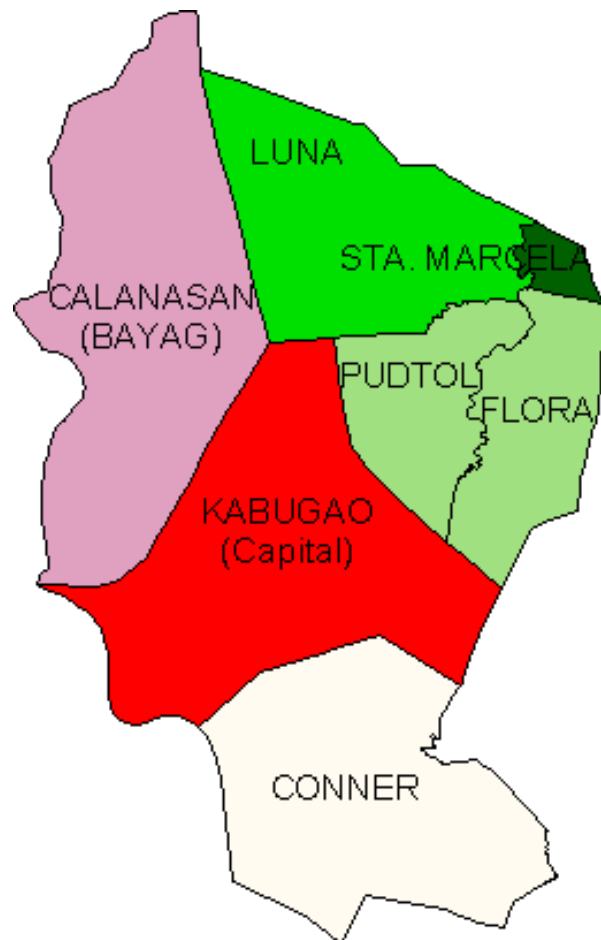


Table 6  
**POPULATION TO HEALTH WORKERS  
 RATIO**  
 Apayao Province  
 2007 and 2009

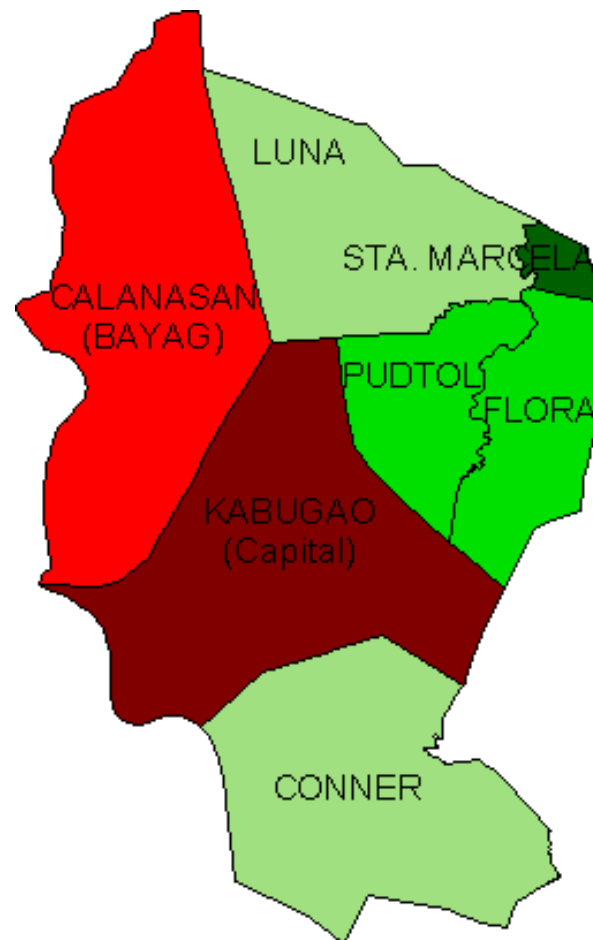
Municipality	2007			2009		
	Total Health Workers	Ratio	Index	Total Health Workers	Ratio	Index
Calanasan	78	123.50	86.52	46	214.00	103.38
Conner	138	164.26	115.07	86	271.53	131.18
Flora	117	136.89	95.90	64	255.67	123.51
Kabugao	68	213.66	149.68	42	349.71	168.94
Luna	103	159.52	111.75	79	217.04	104.85
Pudtol	89	141.52	99.14	78	167.68	81.00
Santa Marcela	133	74.11	51.91	115	107.21	51.79
<b>APAYAO</b>	<b>726</b>	<b>142.75</b>	<b>100.00</b>	<b>510</b>	<b>207.00</b>	<b>100.00</b>

Source of basic data: Provincial Health Office

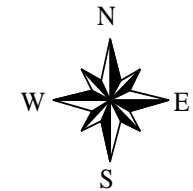
# Map 7. Health Index\*, Apayao Province: 2007 & 2009



**CY 2007**



**CY 2009**



## LEGEND:

- 0 - 33.9
- 34 - 66.9
- 67 - 99.9
- 100 - 133.9
- 134 - 166.9
- 167 - 199.9
- 200 and above

Province = 100

\* Composite index of infant, child and population to health workers ratio

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

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Table 7  
**HEALTH INDEX**  
 Apayao Province  
 2007 and 2009

Municipality	2007	2009
Calanasan	145.72	196.70
Conner	117.31	71.00
Flora	76.79	41.17
Kabugao	194.05	297.90
Luna	47.96	68.63
Pudtol	74.41	41.70
Santa Marcela	30.83	17.26
<b>APAYAO</b>	100.00	100.00

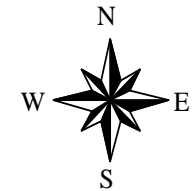
**Map 8. Households With No Access to Safe Water,  
Apayao Province: 2007 & 2009**



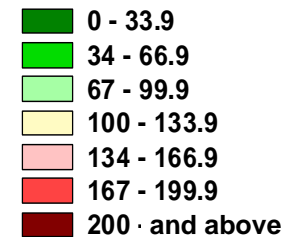
**CY 2007**



**CY 2009**



**LEGEND:**



Province = 100

*Note: Boundaries are not considered authoritative.*

*Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.*

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**MAPS**

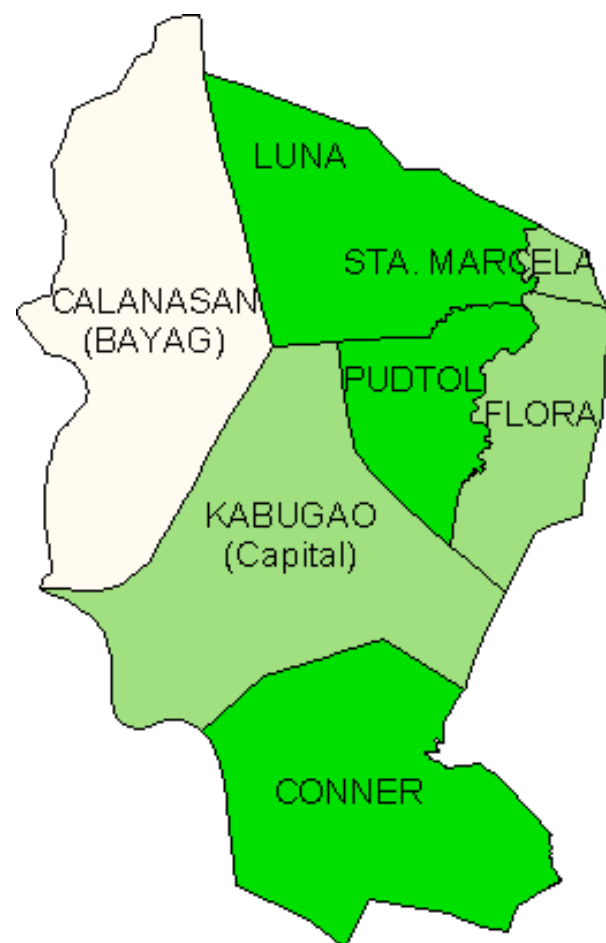
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Table 8  
**HOUSEHOLDS WITH NO ACCESS TO SAFE WATER**  
 Apayao Province  
 2007 and 2009

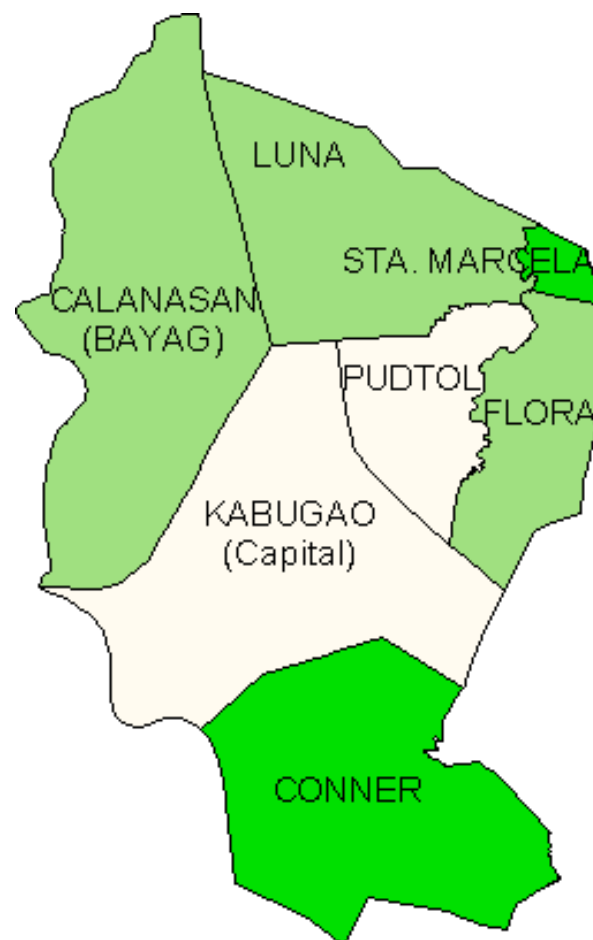
Municipality	2007			2009		
	Number	Prop (%)	Index	Number	Prop (%)	Index
Calanasan	601	10.20	10.20	235	5.42	5.42
Conner	306	5.19	5.19	5	0.12	0.12
Flora	1,333	22.62	22.62	1,002	23.13	23.13
Kabugao	1,506	25.56	25.56	1,543	35.62	35.62
Luna	279	4.74	4.74	803	18.54	18.54
Pudtol	979	16.62	16.62	594	13.71	13.71
Santa Marcela	888	15.07	15.07	150	3.46	3.46
<b>APAYAO</b>	5,892	100.00	100.00	4,332	100.00	100.00

Source of basic data: Provincial Health Office

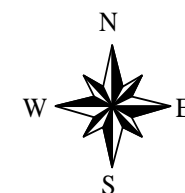
# Map 9. Survival Index\*, Apayao Province: 2007 & 2009



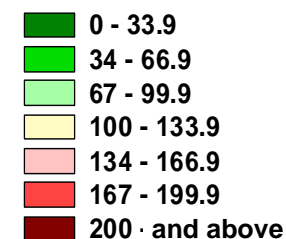
**CY 2007**



**CY 2009**



## LEGEND:



Province = 100

\* Composite index of health, nutrition and water and sanitation indices

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

MBN

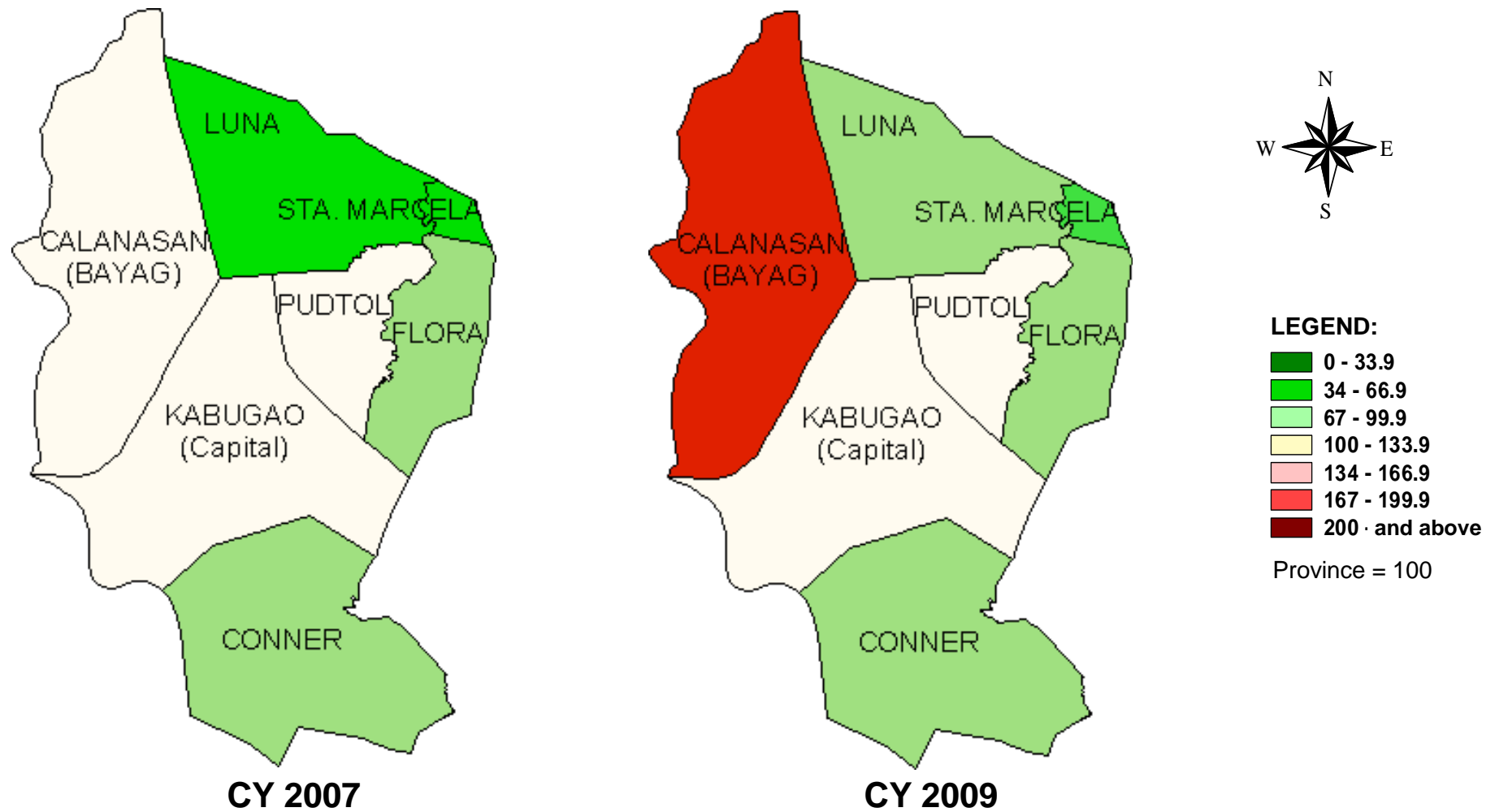
MAPS

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Table 9  
**SURVIVAL INDEX**  
 Apayao Province  
 2007 and 2009

Municipality	2007	2009
Calanasan	120.32	89.08
Conner	56.88	62.41
Flora	69.47	78.74
Kabugao	92.69	100.05
Luna	66.05	73.09
Pudtol	60.09	100.75
Santa Marcela	73.46	39.25
<b>APAYAO</b>	100.00	100.00

**Map 10. Elementary Non-survival Rate,  
Apayao Province: 2007 & 2009**



Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

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Table 10

**ELEMENTARY NON-COHORT SURVIVAL RATE**

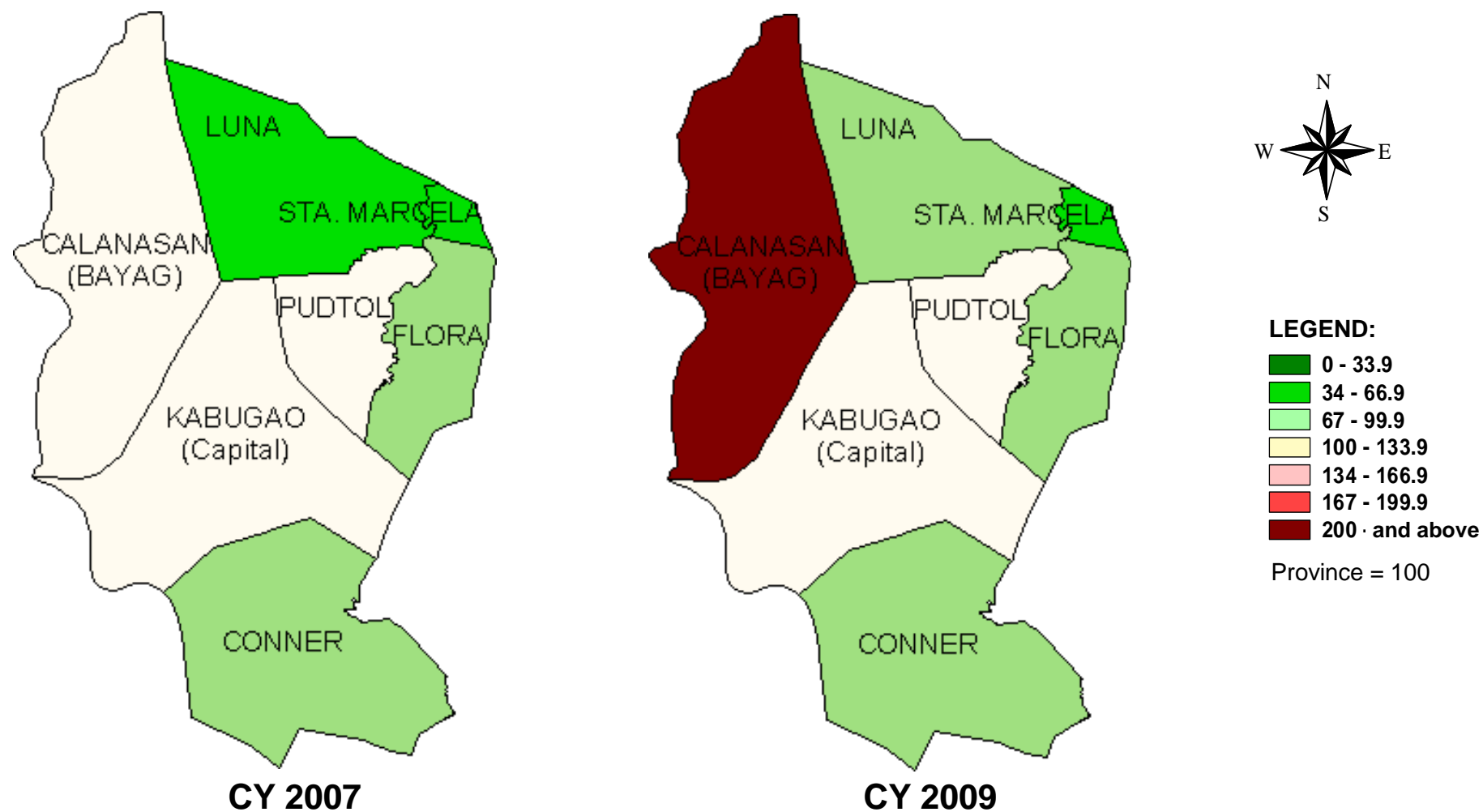
Apayao Province

2007 and 2009

Municipality	2007		2009	
	Prop (%)	Index	Prop (%)	Index
Calanasan	54.42	119.79	94.43	209.29
Conner	43.64	96.06	40.53	89.83
Flora	39.06	85.98	44.19	97.94
Kabugao	56.01	123.29	48.02	106.43
Luna	29.10	64.05	40.19	89.07
Pudtol	55.92	123.09	59.46	131.78
Santa Marcela	26.53	58.40	29.17	64.65
<b>APAYAO</b>	45.43	100.00	45.12	100.00

Source of basic data: Department of Education

# Map 11. Enabling Index\*, Apayao Province: 2007 & 2009



\* Index of elementary non-survival

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

MBN

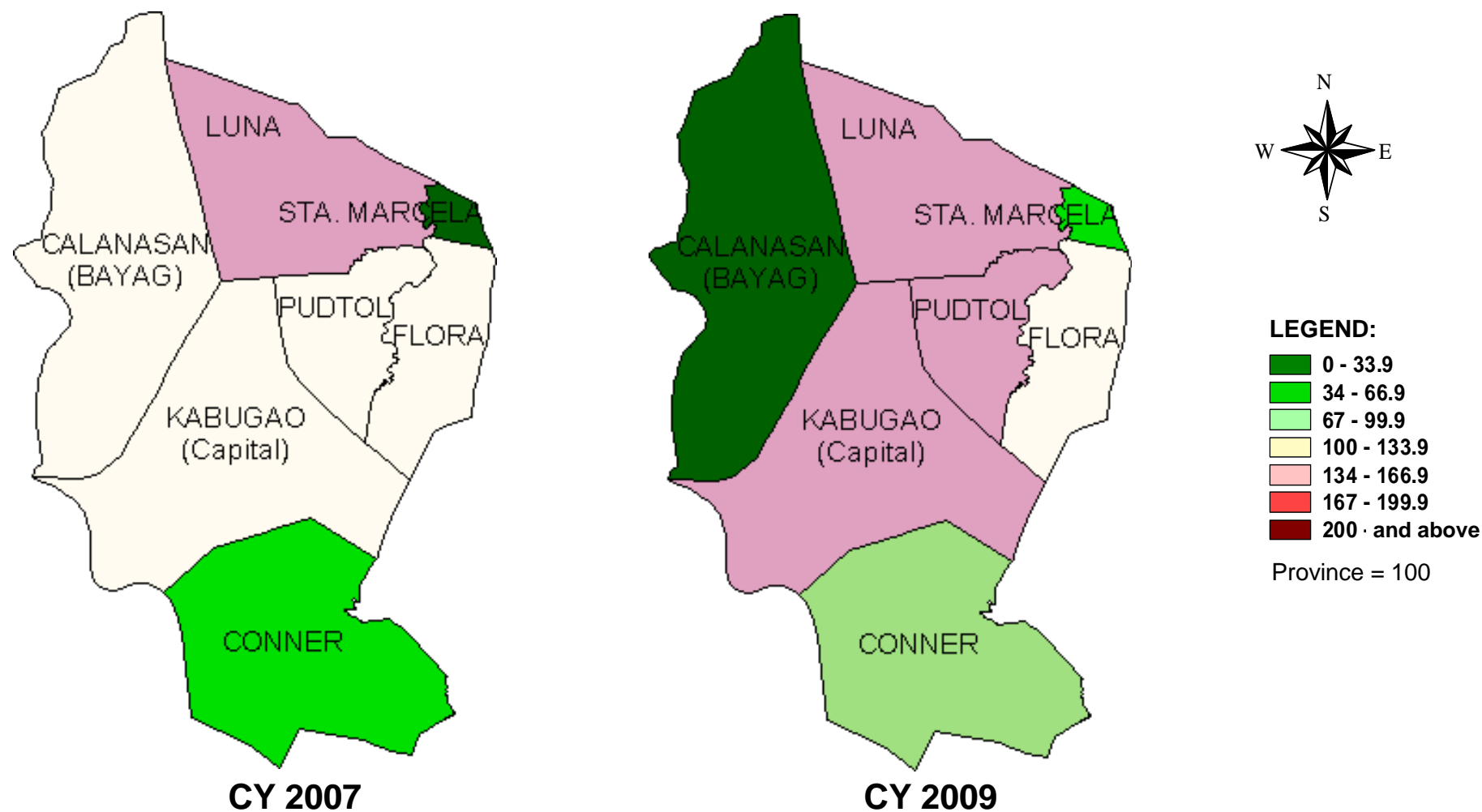
MAPS

TABLES

Table 11  
**ENABLING INDEX**  
 Apayao Province  
 2007 and 2009

Municipality	2007	2009
Calanasan	119.79	209.29
Conner	96.06	89.83
Flora	85.98	97.94
Kabugao	123.29	106.43
Luna	64.05	89.07
Pudtol	123.09	131.78
Santa Marcela	58.40	64.65
<b>APAYAO</b>	100.00	100.00

# Map 12. Crime Against Person\*, Apayao Province: 2007 & 2009



\* Murder, homicide, physical injury and rape

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

MBN

MAPS

TABLES

Table 12

**CRIME AGAINST PERSON**

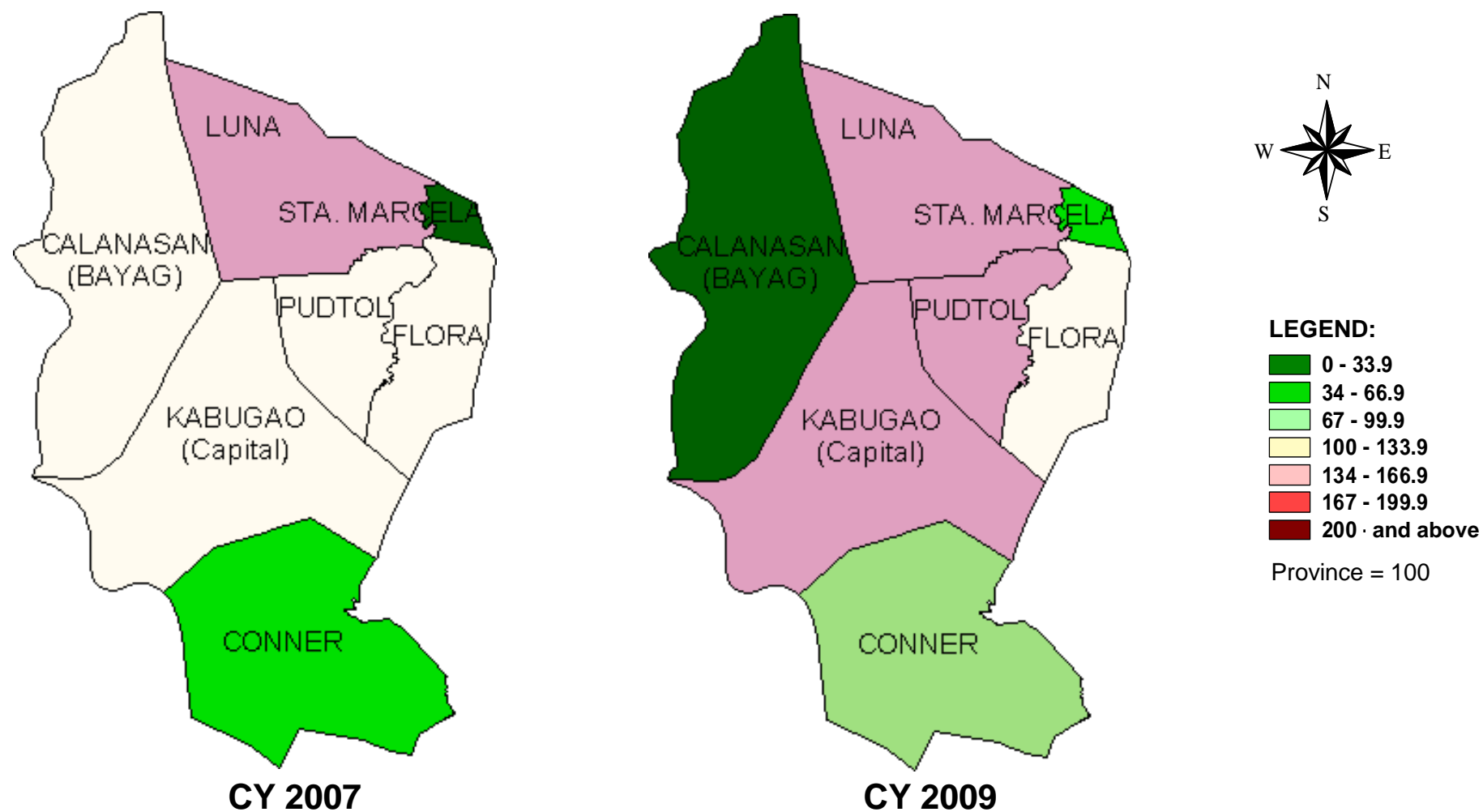
Apayao Province

2007 and 2009

Municipality	2007			2009		
	Number	Prop (%)	Index	Number	Prop (%)	Index
Calanasan	5	5.17	121.87	3	3.08	89.37
Conner	6	2.65	62.34	5	2.17	63.14
Flora	8	5.00	117.65	8	4.94	143.59
Kabugao	7	4.82	113.48	7	4.79	139.23
Luna	11	6.69	157.68	3	1.79	51.93
Pudtol	7	5.56	130.90	7	5.45	158.46
Santa Marcela	0	0.00	0.00	3	2.49	72.47
<b>APAYAO</b>	<b>44</b>	<b>4.25</b>	<b>100.00</b>	<b>36</b>	<b>3.44</b>	<b>100.00</b>

Source of basic data: Philippine National Police

# Map 13. Security Index\*, Apayao Province: 2007 & 2009



\* Index of crime against person

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

MBN

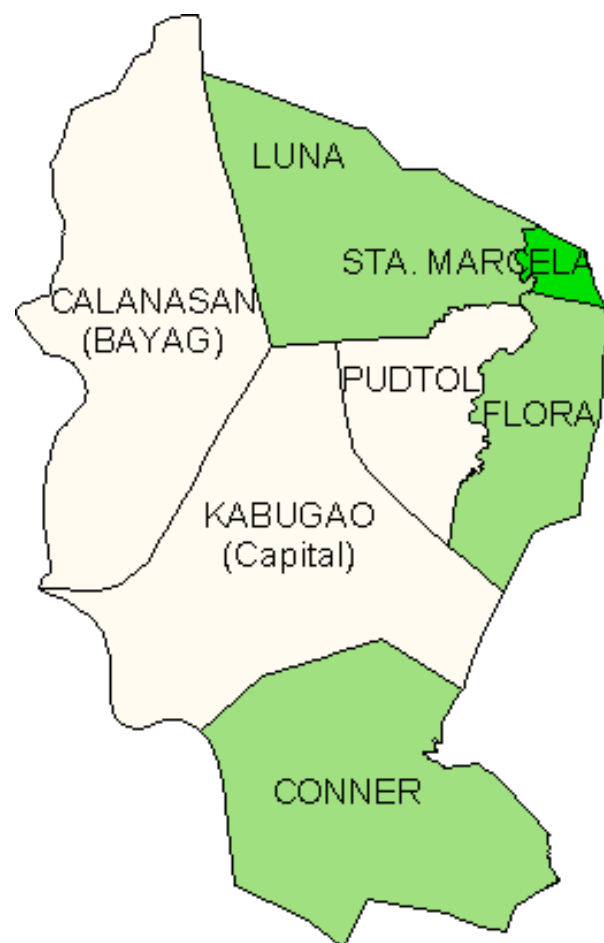
MAPS

TABLES

Table 13  
**SECURITY INDEX**  
 Apayao Province  
 2007 and 2009

Municipality	2007	2009
Calanasan	121.87	22.46
Conner	62.34	86.88
Flora	117.65	121.47
Kabugao	113.48	140.69
Luna	157.68	145.05
Pudtol	130.90	143.17
Santa Marcela	0.00	42.65
<b>APAYAO</b>	100.00	100.00

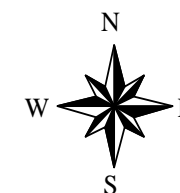
# Map 14. Poverty Index\*, Apayao Province: 2007 & 2009



**CY 2007**



**CY 2009**



## LEGEND:

- 0 - 33.9
- 34 - 66.9
- 67 - 99.9
- 100 - 133.9
- 134 - 166.9
- 167 - 199.9
- 200 and above

Province = 100

\* Composite index of survival, enabling and security indices

Note: Boundaries are not considered authoritative.

Map prepared by the National Statistical Coordination Board-CAR for the Regional Social Development Committee (RSDC), Regional Development Council-CAR.

MBN

MAPS

TABLES



Table 14  
**POVERTY INDEX**  
 Apayao Province  
 2007 and 2009

Municipality	2007	2009
Calanasan	120.66	106.94
Conner	71.76	79.71
Flora	91.03	99.38
Kabugao	109.82	115.72
Luna	95.93	102.40
Pudtol	104.69	125.23
Santa Marcela	43.95	48.85
<b>APAYAO</b>	100.00	100.00

END OF PRESENTATION

*Agyaman ti adu!*