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ภาคผนวก ก

โปรแกรมคอมพิวเตอร์

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10 KEY OFF : CLS : COLOR 0,7,0
20 PRINT "LINEAR REGRESSION"
30 COLOR 7,0,0
40 DEFDBL A-Z : DEFSNG I
45 DIM X(99),Y(99)
47 INPUT "Read data from Disk or Keyboard(D/K)?":ANS$
48 IF ANS$="k" OR ANS$="K" THEN 60
49 INPUT "Keyin File Name:":FILE$
50 NX=0: OPEN FILE$ FOR INPUT AS #2
55 IF EOF(2) THEN CLOSE#2: GOTO 60
57 NX=NX+1: INPUT #2,X(NX),Y(NX): PRINT X(NX);Y(NX)
58 GOTO 55
59 '
60 PRINT:PRINT "NUMBER OF KNOWN POINTS (0 TO END)":
70 INPUT N
75 IF ANS$="k" OR ANS$="K" THEN 100
80 IF N=0 THEN 500
90 IF N<3 THEN PRINT "3 OR MORE, PLEASE":GOTO 60
95 IF NX = N THEN 100
96 IF NX < N THEN FOR I=NX+1 TO N: PRINT "X,Y OF POINT";I;:INPUT X(I),Y(I):NEXT
97 IF NX > N THEN BEEP: PRINT "N value < No. of disk data"
100 J=0
110 K=0
120 L=0
130 M=0
140 R2=0
150 REM - LOOP TO ENTER COORDINATES OF POINTS
160 FOR I=1 TO N
165 IF ANS$="D" OR ANS$="d" THEN PRINT X(I);Y(I): GOTO 200
170 PRINT "X,Y OF POINT";I;
180 INPUT X(I),Y(I)
190 REM - ACCUMULATE INTERMEDIATE SUMS
200 J=J+X(I)
210 K=K+Y(I)
220 L=L+X(I)*X(I)
230 M=M+Y(I)*Y(I)
240 R2=R2+X(I)*Y(I)
250 NEXT I
260 REM - COMPUTE CURVE COEFFICIENT
270 B=(N*R2-K*J)/(N*L-J*J)
280 A=(K-B*J)/N
290 PRINT
300 PRINT "F(X) =";CSNG(A);"+ (" ;CSNG(B);"* X )"
305 LPRINT "F(X) =";CSNG(A);"+ (" ;CSNG(B);"* X )"
310 REM - COMPUTE REGRESSION ANALYSIS
320 J=B*(R2-J*K/N)
330 M=M-K*K/N
340 K=M-J
350 PRINT

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350 PRINT
360 R2=J/M
370 LPRINT "COEFFICIENT OF DETERMINATION (R^2) =" ;CSNG(R2)
375 PRINT "COEFFICIENT OF DETERMINATION (R^2) =" ;CSNG(R2)
380 LPRINT "      COEFFICIENT OF CORRELATION =" ;SQR(R2)
385 PRINT "      COEFFICIENT OF CORRELATION =" ;SQR(R2)
390 LPRINT "      STANDARD ERROR OF ESTIMATE =" ;SQR(X/(N-2))
395 PRINT "      STANDARD ERROR OF ESTIMATE =" ;SQR(X/(N-2))
400 LPRINT
405 PRINT
410 REM - ESTIMATE Y-COORDINATES OF POINTS WITH ENTERED X-COORDINATES
420 LPRINT "INTERPOLATION: (ENTER X=0 TO RESTART PROGRAM)"
425 PRINT "INTERPOLATION: (ENTER X=0 TO RESTART PROGRAM)"
427 INPUT "Save File or not?(Y/N)";ANS$
428 IF ANS$="N" OR ANS$="n" THEN 440
430 INPUT "Keyin File Name:";FILE$
432 OPEN FILE$ FOR OUTPUT AS #2
435 FOR I=1 TO N
437 WRITE #2,X(I),Y(I)
438 NEXT
439 CLOSE #2
440 PRINT "(-1 to end) X =";
445 INPUT X: IF X=-1 THEN END
450 REM - RESTART OR END PROGRAM?
460 IF X=0 THEN 47
470 LPRINT "Y =" ;CSNG(A+B*X)
480 LPRINT
490 GOTO 440
500 PRINT : PRINT "***** END OF PROGRAM *****"
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10 KEY OFF : CLS : COLOR 0,7,0
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30 COLOR 7,0,0
40 DEFDBL A-Z : DEFSNG I
45 DIM X(99),Y(99)
47 INPUT "Read data from Disk or Keyboard(D/K)?";ANS$
48 IF ANS$="k" OR ANS$="K" THEN 60
49 INPUT "Keyin File Name:";FILE$
50 NX=0: OPEN FILE$ FOR INPUT AS #2
55 IF EOF(2) THEN CLOSE#2: GOTO 60
57 NX=NX+1: INPUT #2,X(NX),Y(NX): X(NX)=LOG(X(NX)):Y(NX)=LOG(Y(NX)):PRINT X(NX);
Y(NX)
58 GOTO 55
59
60 PRINT:PRINT "NUMBER OF KNOWN POINTS (0 TO END)";
70 INPUT N
75 IF ANS$="k" OR ANS$="K" THEN 100
80 IF N=0 THEN 500
90 IF N<3 THEN PRINT "3 OR MORE, PLEASE":GOTO 60
95 IF NX = N THEN 100
96 IF NX < N THEN FOR I=NX+1 TO N: PRINT "X,Y OF POINT";I;:INPUT X(I),Y(I):NEXT
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100 J=0
110 K=0
120 L=0
130 M=0
140 R2=0
150 REM - LOOP TO ENTER COORDINATES OF POINTS
160 FOR I=1 TO N
165 IF ANS$="D" OR ANS$="d" THEN PRINT X(I),Y(I): GOTO 200
170 PRINT "X,Y OF POINT";I;
180 INPUT X(I),Y(I)
190 REM - ACCUMULATE INTERMEDIATE SUMS
200 J=J+X(I)
210 K=K+Y(I)
220 L=L+X(I)*X(I)
230 M=M+Y(I)*Y(I)
240 R2=R2+X(I)*Y(I)
250 NEXT I
260 REM - COMPUTE CURVE COEFFICIENT
270 B=(N*R2-K*J)/(N*L-J*J)
280 A=(K-B*J)/N
290 PRINT
300 PRINT "F(X) =";CSNG(A);"+ (" ;CSNG(B);"* X )"
305 LPRINT "F(X) =";CSNG(A);"+ (" ;CSNG(B);"* X )"
310 REM - COMPUTE REGRESSION ANALYSIS
320 J=B*(R2-J*K/N)
330 M=M-K*K/N
340 K=M-J
350 PRINT

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350 PRINT
360 R2=J/M
370 LPRINT "COEFFICIENT OF DETERMINATION (R^2) =";CSNG(R2)
375 PRINT "COEFFICIENT OF DETERMINATION (R^2) =";CSNG(R2)
380 LPRINT "      COEFFICIENT OF CORRELATION =";SQR(R2)
385 PRINT "      COEFFICIENT OF CORRELATION =";SQR(R2)
390 LPRINT "      STANDARD ERROR OF ESTIMATE =";SQR(K/(N-2))
395 PRINT "      STANDARD ERROR OF ESTIMATE =";SQR(K/(N-2))
400 LPRINT
405 PRINT
410 REM - ESTIMATE Y-COORDINATES OF POINTS WITH ENTERED X-COORDINATES
420 LPRINT "INTERPOLATION: (ENTER X=0 TO RESTART PROGRAM)"
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435 FOR I=1 TO N
437 WRITE #2,X(I),Y(I)
438 NEXT
439 CLOSE #2
440 PRINT "(-1 to end) X =";
445 INPUT X: IF X=-1 THEN END
450 REM - RESTART OR END PROGRAM?
460 IF X=0 THEN 47
470 LPRINT "Y =";CSNG(A+B*X)
480 LPRINT
490 GOTO 440
500 PRINT : PRINT "***** END OF PROGRAM *****"
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ภาคผนวก ข

ข้อมูลประชากรและรายได้ประชาชาติ

POPULATION BY REGION ('000)

REGION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
TOTAL	39,949.9	41,333.6	42,390.5	43,213.1	44,272.3	45,223.5	46,117.7	46,961.0	47,875.0	48,847.1	49,512.7	50,582.4
TOTAL (EXC. BHR)	34,266.5	35,426.2	36,223.0	36,813.3	37,627.9	38,395.1	39,104.9	39,733.7	40,410.2	41,160.5	42,174.1	43,025.1
BANGKOK METROPOLITAN	5,681.4	5,907.4	6,167.5	6,399.8	6,644.4	6,828.4	7,012.8	7,227.3	7,464.8	7,686.6	7,338.6	7,557.3
EASTERN	2,395.0	2,480.9	2,544.9	2,622.2	2,708.3	2,759.9	2,825.9	2,883.7	2,945.0	3,037.8	3,122.3	3,185.1
SUB CENTRAL	2,359.2	2,387.8	2,428.3	2,417.4	2,450.6	2,482.3	2,508.2	2,537.6	2,557.0	2,573.1	2,578.6	2,585.5
WESTERN	2,434.2	2,522.1	2,577.7	2,603.5	2,662.4	2,717.5	2,765.0	2,813.5	2,865.8	2,949.0	2,983.6	3,035.4
NORTHEASTERN	13,693.2	14,174.2	14,533.7	14,792.6	15,148.2	15,493.9	15,792.7	16,088.1	16,393.5	16,720.5	17,218.5	17,638.0
NORTHERN	8,149.0	8,769.2	8,912.9	9,048.0	9,201.7	9,353.3	9,492.4	9,587.4	9,714.1	9,833.7	10,105.2	10,281.2
SOUTHERN	4,937.9	5,092.0	5,225.5	5,329.6	5,456.7	5,588.2	5,720.7	5,823.4	5,934.8	6,046.4	6,165.9	6,299.9

Source: Registration Division

Department of Local Administration ; Ministry of Interior

REGION	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
TOTAL	51,777.7	52,969.4	53,873.5	54,960.8	55,885.8	56,778.3	57,625.0	58,462.5	59,309.7	60,131.1	60,946.4	61,752.3
TOTAL (EXC. BHR)	43,955.9	44,938.0	45,581.4	46,451.3	47,163.6	47,846.7	48,488.0	49,124.5	49,766.3	50,387.3	50,997.9	51,555.1
BANGKOK METROPOLITAN	7,821.8	8,031.4	8,292.1	8,509.5	8,722.2	8,931.6	9,137.0	9,338.0	9,543.4	9,743.9	9,948.5	10,197.2
EASTERN	3,300.4	3,417.8	3,481.1	3,595.2	3,652.7	3,707.5	3,755.7	3,808.3	3,861.6	3,915.7	3,970.5	4,034.0
SUB CENTRAL	2,663.5	2,723.8	2,737.1	2,791.9	2,811.4	2,831.1	2,848.1	2,865.2	2,882.4	2,899.7	2,914.2	2,922.9
WESTERN	3,098.4	3,146.2	3,177.2	3,217.4	3,252.8	3,288.6	3,314.9	3,341.4	3,371.5	3,398.4	3,429.0	3,456.5
NORTHEASTERN	18,061.1	18,552.1	18,884.3	19,254.1	19,542.9	19,816.5	20,054.3	20,295.0	20,538.5	20,785.0	21,034.4	21,265.8
NORTHERN	10,391.1	10,490.2	10,585.2	10,731.6	10,871.1	11,001.6	11,133.6	11,256.1	11,379.9	11,493.7	11,597.1	11,678.3
SOUTHERN	6,441.4	6,607.9	6,716.5	6,861.1	7,032.6	7,201.4	7,381.4	7,558.6	7,732.4	7,894.8	8,052.7	8,197.7

REGION	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL	62,545.2	63,457.4	64,336.2	65,210.1	65,862.2	66,520.8	67,186.0	67,857.9	68,536.4	69,221.8	69,914.0	70,613.2
TOTAL (EXC. BAR)	52,113.5	52,817.1	53,504.3	54,204.9	54,746.9	55,294.4	55,847.3	56,405.8	56,969.9	57,539.6	58,115.0	58,696.1
BANGKOK METROPOLITAN	10,431.7	10,640.4	10,831.9	11,005.2	11,115.3	11,226.4	11,338.7	11,452.1	11,566.6	11,682.2	11,799.1	11,917.1
EASTERN	4,094.5	4,151.9	4,205.8	4,260.5	4,303.1	4,346.1	4,389.6	4,433.5	4,477.8	4,522.6	4,567.8	4,613.5
SUB CENTRAL	2,934.6	2,966.9	2,981.7	2,999.6	3,029.6	3,059.9	3,090.5	3,121.4	3,152.6	3,184.2	3,216.0	3,248.2
WESTERN	3,487.6	3,512.0	3,543.6	3,575.5	3,611.2	3,647.4	3,683.8	3,720.7	3,757.9	3,795.4	3,833.4	3,871.7
NORTHEASTERN	21,493.7	21,865.2	22,236.9	22,614.9	22,841.1	23,069.5	23,300.2	23,533.2	23,768.5	24,006.2	24,246.2	24,488.7
NORTHERN	11,760.0	11,842.4	11,913.4	11,984.9	12,104.7	12,225.8	12,348.0	12,471.5	12,596.2	12,722.2	12,849.4	12,977.9
SOUTHERN	8,337.0	8,478.8	8,622.9	8,769.5	8,857.2	8,945.8	9,035.2	9,125.6	9,216.8	9,309.0	9,402.1	9,496.1

REGION	2009	2010	2011
TOTAL	71,319.3	72,032.6	72,752.9
TOTAL EXC. BHO	59,283.1	59,876.0	60,474.7
BANGKOK METROPOLITAN	12,036.2	12,156.6	12,278.2
EASTERN	4,659.6	4,706.2	4,753.3
SUB CENTRAL	3,280.6	3,313.4	3,346.6
WESTERN	3,910.5	3,949.6	3,989.1
NORTHEASTERN	24,733.6	24,980.9	25,230.7
NORTHERN	13,107.7	13,238.8	13,371.2
SOUTHERN	9,591.1	9,687.0	9,783.8

GDP & GPP AT CONSTANT 1972 PRICES (Million)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
TOTAL	203561.5	221275.2	237181.3	261126.0	276952.6	292896.4	311271.7	324035.3	342945.0	364206.3	378761.4	401801.0
BAR	78272.2	87470.2	98078.1	108507.5	120445.7	130375.9	135717.9	141485.5	150597.1	160820.8	167374.8	180871.0
EASTERN	15177.3	17082.1	18565.4	20499.3	18843.2	20702.8	22873.8	24071.2	24530.7	26860.3	27796.5	29325.0
CENTRAL	9881.6	10211.9	11328.6	11688.4	12280.3	12787.3	14209.2	14502.6	14328.5	15991.7	16770.9	17549.6
WESTERN	14716.9	16513.9	17695.3	18538.2	18071.8	17722.6	20461.3	22244.1	21464.5	23425.5	23986.6	25023.5
NORTHEASTERN	34488.3	35025.2	34093.0	39124.3	41500.7	44574.1	45959.7	48541.3	54082.9	55277.6	57234.5	59673.2
NORTHERN	29972.6	32010.5	31587.6	35111.7	36822.7	37272.1	41082.6	42512.8	44475.8	47302.2	49698.7	51738.0
SOUTHERN	21052.6	22961.4	25843.3	27656.6	28988.2	29461.6	30967.2	30677.8	33465.5	34528.2	35899.4	37620.7

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
TOTAL	8.7	8.7	7.2	10.1	6.1	5.8	6.3	4.1	5.8	6.2	4.0	6.1
BAR	11.8	12.1	12.1	10.6	11.0	8.2	4.1	4.2	6.4	6.8	4.1	8.1
EASTERN	12.6	8.7	8.7	10.4	-8.1	9.9	10.5	5.2	1.9	9.5	3.5	5.5
CENTRAL	3.3	10.9	10.9	3.2	5.1	4.1	11.1	2.1	-1.2	11.6	4.9	4.6
WESTERN	12.2	7.2	7.2	4.8	-2.5	-1.9	15.5	8.7	-3.5	9.1	2.4	4.3
NORTHEASTERN	1.6	-2.7	-2.7	14.8	6.1	7.4	3.1	5.6	11.4	2.2	3.5	4.3
NORTHERN	6.8	-1.3	-1.3	11.2	4.9	1.2	10.2	3.5	4.6	6.4	5.1	4.1
SOUTHERN	9.1	12.6	12.6	7.0	4.8	1.6	5.1	-0.9	9.1	3.2	4.0	4.8

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
TOTAL	435552.0	483463.4	524074.4	564427.7	607889.1	646186.0	686895.0	729380.7	776181.0	825068.9	875398.5	928798.1
BHR	197872.0	221519.5	242218.0	263045.1	285498.7	305812.0	327545.9	350623.6	375174.1	401327.4	428305.5	457203.8
EASTERN	31725.8	35149.7	38021.1	40344.9	43880.8	46558.7	49364.4	52354.4	55535.6	58904.6	62356.8	66048.0
CENTRAL	18883.8	20818.8	22420.1	23973.2	25635.9	27098.4	28625.2	30260.2	32006.7	33854.7	35743.6	37766.2
WESTERN	26849.3	29514.1	31692.9	33804.7	36066.7	37988.6	39989.1	42124.1	44411.9	46844.3	49325.9	51983.3
NORTHERN	64220.4	70315.0	76205.3	81566.7	87378.3	92236.2	97440.0	102938.9	108747.2	114910.3	121282.1	127620.2
NORTHERN	55665.9	61368.0	66079.3	70686.6	75629.2	79768.8	84075.1	88492.2	93604.1	98806.8	104148.8	109869.7
SOUTHERN	40334.8	44278.3	47437.7	50506.5	53799.5	56723.3	59855.3	63187.3	66701.4	70420.8	74235.8	78306.9
TOTAL	8.4	11.0	8.4	7.7	7.7	6.3	6.3	6.3	6.3	6.3	6.1	6.1
BHR	9.4	12.0	9.3	8.6	8.5	7.1	7.1	7.0	7.0	7.0	6.7	6.7
EASTERN	8.2	10.8	8.2	7.4	7.4	6.1	6.0	6.1	6.1	6.1	5.9	5.9
CENTRAL	7.6	10.2	7.7	6.9	6.9	5.7	5.6	5.7	5.8	5.8	5.6	5.7
WESTERN	7.3	9.9	7.4	6.7	6.7	5.3	5.3	5.3	5.4	5.5	5.3	5.4
NORTHERN	7.6	10.3	7.6	7.0	7.1	5.6	5.6	5.6	5.6	5.7	5.5	5.2
NORTHERN	7.8	10.2	7.7	7.0	7.0	5.5	5.4	5.3	5.8	5.6	5.4	5.5
SOUTHERN	7.2	9.8	7.1	6.5	6.5	5.4	5.5	5.6	5.6	5.6	5.4	5.5

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	985454.0	1045567.8	1108346.7	1174953.8	1245625.7	1320613.9	1400185.5	1484624.4	1574232.3	1669329.8	1770257.6	1877377.7
BHR	487933.7	520917.2	555705.4	592816.8	632406.7	674640.4	719694.7	767757.8	819030.6	873727.6	932077.4	994323.9
EASTERN	69789.4	73751.2	78013.8	82522.8	87292.3	92337.6	97674.4	103319.7	109291.3	115608.0	122289.8	129357.8
CENTRAL	39786.0	41919.3	44233.9	46676.3	49253.6	51973.1	54842.9	57871.0	61066.4	64438.2	67996.2	71750.7
WESTERN	54659.5	57498.9	60556.0	63776.5	67169.3	70743.6	74509.1	78476.2	82655.6	87058.8	91697.9	96585.5
NORTHEASTERN	135153.3	142788.3	150820.5	159304.5	168265.8	177731.2	187729.0	198289.2	209443.5	221225.2	233669.7	246814.2
NORTHERN	115569.4	121577.2	127100.3	132874.3	138910.6	145221.2	151818.4	158715.3	165925.5	173463.3	181343.5	189581.7
SOUTHERN	82562.7	87115.7	91916.8	96982.5	102327.4	107966.8	113917.1	120195.2	126819.4	133808.6	141183.1	148963.9

	1999	2000	2004	2002	2003	2004	2005	2006	2007	2008	2009	2010
TOTAL	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1
BHR	6.7	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
EASTERN	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
CENTRAL	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
WESTERN	5.1	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
NORTHEASTERN	5.9	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
NORTHERN	5.2	5.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
SOUTHERN	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

2011	
TOTAL	1991075.1
BHR	1060727.5
EASTERN	136834.3
CENTRAL	75712.5
WESTERN	101735.0
NORTHEASTERN	260638.1
NORTHERN	198194.2
SOUTHERN	157173.6

2011	
TOTAL	6.1
BHR	6.7
EASTERN	5.8
CENTRAL	5.5
WESTERN	5.3
NORTHEASTERN	5.6
NORTHERN	4.5
SOUTHERN	5.5

ภาคผนวก ค

อัตราค่าธรรมเนียมการจราจร

GROWTH RATE OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

METROPOLITAN REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
BANGKOK METROPOLITAN	1.62	1.37	1.20	1.20	5.60	5.30	5.90	5.90
NONHABURI	3.68	3.08	2.60	2.60	3.00	3.20	4.60	4.60
PATHUM THANI	4.20	3.52	3.00	3.00	4.00	4.00	5.50	5.50
SAMUT PRAKAN	5.52	4.60	3.90	3.90	1.80	2.20	4.20	4.20
SAMUT SAKHON	1.72	1.43	1.20	1.20	4.20	4.30	5.10	5.10
NAKHON PATHOM	1.55	1.28	1.10	1.10	4.70	4.60	5.20	5.20
TOTAL	2.23	1.87	1.60	1.60	4.70	4.90	5.60	5.60

CHANGWAT	E	MC				E	PC			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
BANGKOK METROPOLITAN		9.67	8.36	8.20	7.74		9.83	8.46	8.26	7.74
NONHABURI		8.70	7.77	8.10	7.69		8.83	7.85	8.15	7.69
PATHUM THANI		9.78	8.57	8.90	8.46		9.92	8.67	8.96	8.46
SAMUT PRAKAN		8.70	7.84	8.52	8.13		8.81	7.91	8.57	8.13
SAMUT SAKHON		8.62	7.68	7.68	7.26		8.76	7.78	7.73	7.26
NAKHON PATHOM		8.92	7.81	7.69	7.26		9.07	7.91	7.75	7.26
TOTAL		9.28	8.34	8.22	7.77		9.44	8.44	8.27	7.77

CHANGWAT	E	LB				E	HB			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
BANGKOK METROPOLITAN		9.72	8.41	8.26	7.74		10.00	8.57	8.37	7.80
NONHABURI		8.75	7.81	8.15	7.69		8.96	7.94	8.25	7.75
PATHUM THANI		9.82	8.62	8.96	8.46		10.06	8.76	9.07	8.51
SAMUT PRAKAN		8.73	7.88	8.57	8.13		8.91	7.99	8.67	8.18
SAMUT SAKHON		8.67	7.73	7.73	7.26		8.91	7.87	7.84	7.31
NAKHON PATHOM		8.97	7.86	7.75	7.26		9.23	8.01	7.85	7.32
TOTAL		9.33	8.39	8.27	7.77		9.59	8.55	8.39	7.83

CHANGWAT -----	E	LT				MT			
		91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
		1.17	1.13	1.1	1.07	1.81	1.55	1.37	1.25
BANGKOK METROPOLITAN		7.77	7.08	7.28	7.11	11.36	9.32	8.83	8.14
NONHABURI		7.28	6.76	7.29	7.14	9.97	8.53	8.66	8.05
PATHUM THANI		8.17	7.46	8.01	7.85	11.22	9.42	9.52	8.85
SAMUT PRAKAN		7.49	6.96	7.74	7.60	9.78	8.51	9.06	8.47
SAMUT SAKHON		6.99	6.54	6.84	6.68	10.08	8.55	8.27	7.63
NAKHON PATHOM		7.20	6.63	6.84	6.68	10.46	8.71	8.28	7.64
TOTAL		7.56	7.12	7.33	7.16	10.83	9.27	8.84	8.16

CHANGWAT -----	E	HT			
		91-96	96-01	01-06	06-11
		1.28	1.21	1.16	1.11
BANGKOK METROPOLITAN		8.38	7.51	7.63	7.34
NONHABURI		7.74	7.10	7.59	7.34
PATHUM THANI		8.68	7.83	8.35	8.07
SAMUT PRAKAN		7.88	7.25	8.04	7.79
SAMUT SAKHON		7.51	6.92	7.15	6.89
NAKHON PATHOM		7.75	7.03	7.16	6.89
TOTAL		8.11	7.52	7.66	7.38

GROWTH RATES OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

SUB CENTRAL REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
CHAI NAT	0.70	0.70	0.80	0.80	5.30	4.90	4.30	4.30
PHRA NAKHON SI AYUTTHAYA	0.35	0.37	0.40	0.40	5.00	4.80	4.60	4.60
SARABURI	0.62	0.62	0.70	0.70	6.30	5.50	4.80	4.80
LOP BURI	0.53	0.57	0.60	0.60	4.60	4.30	3.90	3.90
SING BURI	0.82	0.87	0.90	0.90	4.40	4.40	3.70	3.70
ANGTHONG	0.43	0.43	0.50	0.50	5.40	5.10	4.80	4.80
TOTAL SC	0.53	0.55	0.60	0.60	5.20	4.70	4.50	5.00

CHANGWAT	E	MC				E	PC			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
CHAI NAT		9.91	8.33	7.49	6.95		8.88	7.72	7.05	6.66
PHRA NAKHON SI AYUTTHAYA		9.46	8.08	7.49	6.94		8.46	7.47	7.04	6.63
SARABURI		10.75	8.75	7.79	7.22		9.61	8.10	7.32	6.91
LOP BURI		9.20	7.80	7.10	6.59		8.24	7.23	6.69	6.31
SING BURI		9.18	8.04	7.12	6.62		8.25	7.46	6.71	6.35
ANGTHONG		9.85	8.34	7.68	7.12		8.81	7.71	7.22	6.81
TOTAL SC		9.73	8.10	7.52	6.98		8.71	7.50	7.08	6.68

CHANGWAT	E	LB				E	HB			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
CHAI NAT		2.72	2.54	2.53	2.53		2.01	1.86	1.88	1.88
PHRA NAKHON SI AYUTTHAYA		2.50	2.36	2.37	2.37		1.81	1.69	1.70	1.70
SARABURI		2.84	2.60	2.56	2.56		2.06	1.88	1.87	1.87
LOP BURI		2.52	2.38	2.36	2.36		1.86	1.74	1.74	1.74
SING BURI		2.64	2.55	2.48	2.48		1.99	1.90	1.87	1.87
ANGTHONG		2.60	2.44	2.45	2.45		1.88	1.74	1.77	1.77
TOTAL SC		2.62	2.43	2.46	2.46		1.91	1.77	1.79	1.79

CHANGWAT -----	E	LT				E	HT			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
		1.74	1.52	1.39	1.28		1	1	1	1
CHAI NAT		10.18	8.48	7.59	7.05		6.20	5.85	5.70	5.70
PHRA NAKHON SI AYUTTHAYA		9.72	8.23	7.59	7.04		5.87	5.62	5.64	5.64
SARABURI		11.05	8.91	7.89	7.32		6.66	6.11	5.90	5.90
LOP BURI		9.46	7.95	7.20	6.69		5.76	5.48	5.39	5.39
SING BURI		9.43	8.18	7.21	6.71		5.81	5.68	5.45	5.45
ANGTHONG		10.13	8.50	7.78	7.22		6.11	5.80	5.79	5.79
TOTAL SC		10.00	8.25	7.62	7.08		6.06	5.67	5.69	5.69

CHANGWAT -----	E	HT			
		91-96	96-01	01-06	06-11
		1.15	1.12	1.09	1.07
CHAI NAT		7.00	6.45	6.13	6.03
PHRA NAKHON SI AYUTTHAYA		6.64	6.22	6.09	5.99
SARABURI		7.54	6.75	6.35	6.25
LOP BURI		6.50	6.04	5.81	5.71
SING BURI		6.54	6.25	5.85	5.76
ANGTHONG		6.91	6.42	6.25	6.15
TOTAL SC		6.85	6.26	6.14	6.04

GROWTH RATES OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

EAST REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
CHACHOENGSAO	1.42	1.35	1.30	1.30	4.60	3.90	4.10	4.10
CHON BURI	2.42	2.28	2.20	2.20	3.80	3.60	4.10	4.10
TRAT	1.83	1.77	1.70	1.70	4.70	4.40	4.90	4.90
NAKHON NAYOK	0.93	0.92	0.90	0.90	5.00	4.80	5.10	5.10
PRACHIN BURI	1.10	1.03	1.00	1.00	5.70	5.20	5.40	5.40
RAYONG	0.48	0.43	0.40	0.40	5.80	5.40	5.40	5.40
CHANTHABURI	1.00	0.93	0.90	0.90	4.20	4.00	4.30	4.30
TOTAL	1.42	1.35	1.30	1.30	4.60	4.40	4.70	4.70

CHANGWAT	E	MC				E	PC			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
CHACHOENGSAO		9.68	7.91	7.61	7.09		8.72	7.36	7.18	6.80
CHON BURI		9.51	8.17	8.09	7.56		8.63	7.64	7.66	7.28
TRAT		9.99	8.52	8.39	7.82		9.02	7.93	7.92	7.51
NAKHON NAYOK		9.77	8.37	8.11	7.52		8.77	7.76	7.63	7.20
PRACHIN BURI		10.48	8.74	8.37	7.77		9.40	8.10	7.88	7.44
RAYONG		10.23	8.57	8.05	7.45		9.15	7.92	7.56	7.12
CHANTHABURI		9.11	7.76	7.54	7.01		8.19	7.21	7.10	6.72
TOTAL		9.68	8.29	8.04	7.48		8.72	7.71	7.58	7.17

CHANGWAT	E	LB				E	HB			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
CHACHOENGSAO		2.97	2.71	2.75	2.75		2.31	2.10	2.11	2.11
CHON BURI		3.35	3.13	3.20	3.20		2.74	2.54	2.56	2.56
TRAT		3.20	3.00	3.08	3.08		2.52	2.36	2.39	2.39
NAKHON NAYOK		2.79	2.64	2.71	2.71		2.10	1.96	2.00	2.00
PRACHIN BURI		2.99	2.76	2.81	2.81		2.25	2.06	2.08	2.08
RAYONG		2.69	2.48	2.50	2.50		1.94	1.77	1.78	1.78
CHANTHABURI		2.70	2.51	2.58	2.58		2.06	1.90	1.93	1.93
TOTAL		2.97	2.79	2.84	2.84		2.31	2.14	2.17	2.17

		LT				HT			
CHANGWAT		91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
-----	E	1.74	1.52	1.39	1.28	E 1	1	1	1
CHACHOENGSAO		9.94	8.05	7.71	7.18	6.23	5.68	5.86	5.86
CHON BURI		9.74	8.30	8.19	7.66	6.34	6.01	6.33	6.33
TRAT		10.25	8.66	8.50	7.92	6.49	6.15	6.47	6.47
NAKHON NAYOK		10.04	8.52	8.21	7.63	6.17	5.91	6.15	6.15
PRACHIN BURI		10.77	8.90	8.48	7.88	6.62	6.17	6.36	6.36
RAYONG		10.52	8.73	8.16	7.56	6.34	5.96	6.04	6.04
CHANTHABURI		9.35	7.90	7.64	7.10	5.81	5.51	5.75	5.75
TOTAL		9.94	8.44	8.14	7.58	6.23	5.93	6.16	6.16

		HT			
CHANGWAT		91-96	96-01	01-06	06-11
-----	E	1.15	1.12	1.09	1.07
CHACHOENGSAO		6.97	6.22	6.28	6.19
CHON BURI		7.02	6.53	6.75	6.66
TRAT		7.24	6.73	6.94	6.83
NAKHON NAYOK		6.94	6.51	6.62	6.52
PRACHIN BURI		7.44	6.79	6.84	6.74
RAYONG		7.17	6.59	6.53	6.42
CHANTHABURI		6.51	6.06	6.18	6.09
TOTAL		6.97	6.51	6.61	6.51

GROWTH RATE OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

NORTHEASTERN REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
BURIRAM	0.88	0.83	0.90	0.90	4.10	4.20	4.40	4.40
CHAIYAPHUM	1.88	1.80	1.90	1.90	3.80	3.70	3.70	3.70
KALASIN	1.48	1.42	1.40	1.40	2.20	2.30	2.70	2.70
KHON KAEN	0.40	0.40	0.40	0.40	6.60	6.10	6.10	6.10
LOEI	0.80	0.78	0.80	0.80	5.30	5.00	5.00	5.00
MAHA SARAKHAM	0.98	0.92	1.00	1.00	4.70	4.40	4.60	4.60
MUKDAHAN	0.98	0.93	1.00	1.00	3.70	3.70	4.60	4.60
NAKHON PHANOM	0.98	0.93	1.00	1.00	1.00	1.00	1.40	1.40
NAKHON RATCHASINA	0.70	0.68	0.70	0.70	5.90	5.50	5.50	5.50
NDONG KHAI	4.63	4.38	4.70	4.70	1.60	1.40	1.80	1.80
ROI ET	0.98	0.92	1.00	1.00	4.10	4.00	4.30	4.30
SAKHON NAKHON	0.98	0.92	1.00	1.00	4.20	3.90	4.20	4.20
SI SA KET	0.98	0.92	1.00	1.00	5.20	4.90	5.00	5.00
SURIN	0.98	0.92	1.00	1.00	5.00	4.80	4.90	4.90
UBON RATCHATHANI	1.67	1.55	1.70	1.70	4.20	4.00	4.20	4.20
UDON THANI	0.98	0.98	1.00	1.00	4.40	4.30	4.30	4.30
YASOTHON	0.80	0.78	0.80	0.80	4.70	4.60	4.70	4.70
TOTAL	1.18	1.12	1.20	1.20	4.40	4.10	4.60	4.60

CHANGWAT -----	MC				PC					
	E	91-96	96-01	01-06	06-11	E	91-96	96-01	01-06	06-11
		1.69	1.49	1.37	1.26		1.5	1.37	1.28	1.2
BURIRAK		8.95	7.86	7.61	7.07		8.05	7.29	7.17	6.78
CHAIYAPHUM		9.22	7.99	7.65	7.14		8.34	7.45	7.24	6.87
KALASIN		7.61	6.72	6.68	6.24		6.90	6.27	6.32	6.00
KHON KAEN		10.90	9.09	8.54	7.90		9.72	8.40	8.01	7.55
LOEI		9.97	8.45	7.98	7.40		8.93	7.83	7.51	7.09
MAHA SARAKHAM		9.53	8.06	7.81	7.25		8.56	7.48	7.35	6.95
MUKDAHAN		8.66	7.53	7.81	7.25		7.79	7.00	7.35	6.95
NAKHON PHANOM		6.32	5.48	5.57	5.20		5.72	5.11	5.27	5.00
NAKHON RATCHASI		10.44	8.78	8.28	7.67		9.34	8.13	7.78	7.34
NONG KHAI		8.71	7.54	7.74	7.35		8.05	7.15	7.42	7.13
ROI ET		9.01	7.76	7.60	7.06		8.10	7.20	7.16	6.77
SAKHON NAKHON		9.09	7.68	7.53	7.00		8.18	7.13	7.09	6.71
SI SA KET		9.98	8.45	8.09	7.51		8.95	7.83	7.62	7.20
SURIN		9.80	8.37	8.02	7.45		8.80	7.76	7.55	7.13
UBON RATCHATHAN		9.46	8.09	7.90	7.36		8.54	7.53	7.46	7.07
UDON THANI		9.27	8.02	7.60	7.06		8.33	7.44	7.16	6.77
YASOTHON		9.44	8.14	7.77	7.21		8.47	7.55	7.31	6.91
TOTAL		9.38	7.94	7.91	7.36		8.44	7.38	7.46	7.06

CHANGWAT -----	LB				HB					
	E	91-96	96-01	01-06	06-11	E	91-96	96-01	01-06	06-11
		0.33	0.33	0.33	0.33		0.19	0.19	0.19	0.19
BURIRAK		2.62	2.49	2.59	2.59		1.99	1.86	1.94	1.94
CHAIYAPHUM		3.08	2.90	2.99	2.99		2.47	2.31	2.37	2.37
KALASIN		2.61	2.48	2.57	2.57		2.11	1.98	2.03	2.03
KHON KAEN		2.78	2.58	2.61	2.61		1.98	1.82	1.84	1.84
LOEI		2.77	2.60	2.64	2.64		2.06	1.91	1.94	1.94
MAHA SARAKHAM		2.77	2.57	2.68	2.68		2.10	1.93	2.00	2.00
MUKDAHAN		2.61	2.46	2.68	2.68		2.00	1.87	2.00	2.00
NAKHON PHANOM		2.16	2.02	2.15	2.15		1.75	1.61	1.70	1.70
NAKHON RATCHASI		2.82	2.63	2.67	2.67		2.06	1.91	1.94	1.94
NONG KHAI		4.10	3.82	4.08	4.08		3.64	3.38	3.60	3.60
ROI ET		2.67	2.51	2.63	2.63		2.04	1.89	1.98	1.98
SAKHON NAKHON		2.69	2.49	2.61	2.61		2.05	1.88	1.97	1.97
SI SA KET		2.85	2.65	2.74	2.74		2.14	1.97	2.04	2.04
SURIN		2.82	2.64	2.72	2.72		2.12	1.96	2.03	2.03
UBON RATCHATHAN		3.04	2.83	2.97	2.97		2.40	2.21	2.32	2.32
UDON THANI		2.72	2.59	2.63	2.63		2.07	1.95	1.98	1.98
YASOTHON		2.68	2.53	2.59	2.59		2.00	1.88	1.91	1.91
TOTAL		2.82	2.62	2.78	2.78		2.17	2.00	2.11	2.11

		LT				MT			
CHANGWAT		91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
-----	E	1.74	1.52	1.39	1.28	E	1	1	1
BURIRAM		9.19	8.01	7.71	7.17		5.69	5.56	5.80
CHAIYAPHUM		9.46	8.13	7.74	7.24		6.06	5.81	5.97
KALASIN		7.80	6.83	6.76	6.32		5.04	4.91	5.20
KHON KAEN		11.21	9.27	8.66	8.01		6.70	6.29	6.39
LOEI		10.24	8.61	8.09	7.51		6.26	5.94	6.05
MAHA SARAKHAM		9.79	8.21	7.91	7.35		6.05	5.71	5.95
MUKDAHAN		8.89	7.67	7.91	7.35		5.54	5.36	5.95
NAKHON PHANOM		6.47	5.57	5.64	5.27		4.18	4.00	4.34
NAKHON RATCHASI		10.73	8.95	8.39	7.78		6.50	6.14	6.25
NONG KHAI		8.88	7.64	7.82	7.42		6.34	5.95	6.42
ROI ET		9.25	7.90	7.69	7.16		5.74	5.51	5.80
SAKHON NAKHON		9.34	7.82	7.62	7.09		5.79	5.46	5.75
SI SA KET		10.25	8.60	8.19	7.62		6.30	5.96	6.16
SURIN		10.06	8.52	8.12	7.55		6.20	5.91	6.10
UBON RATCHATHAN		9.71	8.23	7.99	7.46		6.15	5.83	6.12
UDON THANI		9.52	8.16	7.69	7.16		5.90	5.69	5.80
YASOTHON		9.69	8.29	7.87	7.31		5.95	5.74	5.90
TOTAL		9.63	8.08	8.01	7.46		6.00	5.66	6.06

		HT			
CHANGWAT		91-96	96-01	01-06	06-11
-----	E	1.15	1.12	1.09	1.07
BURIRAM		6.39	6.12	6.24	6.14
CHAIYAPHUM		6.74	6.34	6.37	6.28
KALASIN		5.59	5.35	5.56	5.48
KHON KAEN		7.60	6.97	6.91	6.80
LOEI		7.05	6.55	6.52	6.41
MAHA SARAKHAM		6.80	6.28	6.40	6.30
MUKDAHAN		6.21	5.89	6.40	6.30
NAKHON PHANOM		4.64	4.36	4.63	4.57
NAKHON RATCHASI		7.35	6.78	6.74	6.63
NONG KHAI		6.85	6.34	6.74	6.67
ROI ET		6.45	6.05	6.24	6.14
SAKHON NAKHON		6.50	6.00	6.18	6.08
SI SA KET		7.09	6.57	6.62	6.52
SURIN		6.97	6.51	6.57	6.46
UBON RATCHATHAN		6.87	6.38	6.55	6.45
UDON THANI		6.62	6.26	6.24	6.14
YASOTHON		6.70	6.32	6.35	6.25
TOTAL		6.73	6.22	6.51	6.41

GROWTH RATES OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

NORTHERN REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
KAMPHAENG PHET	1.00	0.72	0.60	0.60	6.00	5.40	4.90	4.90
CHIANG RAI	0.85	0.62	0.50	0.50	3.80	3.80	3.70	3.70
CHIANG MAI	1.72	1.22	1.00	1.00	4.10	4.60	4.10	4.10
TAK	1.43	1.03	0.90	0.90	5.70	4.60	3.70	3.70
NAKHON SAWAN	0.85	0.62	0.50	0.50	4.30	3.00	3.00	3.00
NAN	0.80	0.60	0.50	0.50	5.10	5.00	4.80	4.80
PHICHIT	0.43	0.32	0.30	0.30	5.60	5.30	5.20	5.20
PHITSANULOK	1.10	0.78	0.60	0.60	4.90	4.90	4.50	4.50
PHETCHABUN	0.93	0.70	0.60	0.60	4.00	4.10	3.90	3.90
PHARE	1.10	0.78	0.60	0.60	2.00	1.90	1.70	1.70
MAE HONG SON	1.43	1.03	0.90	0.90	4.50	4.40	3.90	3.90
LAMPANG	1.15	0.82	0.70	0.70	4.70	4.40	4.00	4.00
LAMPHUN	0.85	0.62	0.50	0.50	1.90	2.00	2.00	2.00
SUKHOTHAI	0.65	0.48	0.40	0.40	4.90	4.70	4.50	4.50
UTTARADIT	0.65	0.48	0.40	0.40	5.40	5.30	5.10	5.10
PHAYAO	0.57	0.45	0.30	0.30	6.80	6.30	6.00	6.00
UTHAI THANI	0.80	0.60	0.50	0.50	5.90	5.20	4.80	4.80
TOTAL	1.00	0.72	0.60	0.60	4.50	4.10	3.50	3.50

CHANGWAT -----	MC				FC					
	E	91-96	96-01	01-06	06-11	E	91-96	96-01	01-06	06-11
		1.69	1.49	1.37	1.26		1.5	1.37	1.28	1.2
KAMPHAENG PHET		10.70	8.73	7.80	7.23		9.58	8.08	7.34	6.92
CHIANG RAI		8.67	7.45	6.91	6.41		7.80	6.90	6.50	6.14
CHIANG MAI		9.40	8.38	7.46	6.93		8.49	7.78	7.03	6.65
TAK		10.66	8.28	7.12	6.62		9.58	7.68	6.71	6.35
NAKHON SAWAN		9.11	6.84	6.42	5.97		8.18	6.35	6.05	5.72
NAN		9.79	8.35	7.68	7.12		8.78	7.73	7.22	6.81
PHICHIT		10.03	8.43	7.85	7.27		8.96	7.79	7.37	6.95
PHITSANULOK		9.78	8.37	7.52	6.98		8.78	7.76	7.08	6.68
PHETCHABUN		8.89	7.72	7.10	6.59		7.99	7.16	6.69	6.31
PHARE		7.24	6.08	5.57	5.19		6.55	5.66	5.26	4.98
MAE HONG SON		9.60	8.12	7.26	6.75		8.65	7.54	6.84	6.47
LAMPANG		9.63	8.01	7.23	6.71		8.65	7.43	6.80	6.43
LAMPHUN		7.02	6.08	5.73	5.33		6.34	5.65	5.40	5.11
SUKHOTHAHAI		9.53	8.06	7.42	6.87		8.54	7.46	6.97	6.57
UTTARADIT		9.97	8.52	7.84	7.26		8.93	7.88	7.36	6.94
PHAYAO		11.17	9.27	8.42	7.78		9.97	8.57	7.89	7.43
UTHAI THANI		10.50	8.51	7.68	7.12		9.40	7.87	7.22	6.81
TOTAL		9.37	7.73	6.83	6.34		8.42	7.17	6.43	6.07

CHANGWAT -----	LB				HB					
	E	91-96	96-01	01-06	06-11	E	91-96	96-01	01-06	06-11
		0.33	0.33	0.33	0.33		0.19	0.19	0.19	0.19
KAMPHAENG PHET		2.99	2.63	2.52	2.52		2.23	1.92	1.83	1.83
CHIANG RAI		2.56	2.32	2.28	2.28		1.95	1.72	1.67	1.67
CHIANG MAI		3.05	2.76	2.60	2.60		2.41	2.10	1.98	1.96
TAK		3.16	2.66	2.48	2.48		2.41	2.00	1.87	1.87
NAKHON SAWAN		2.64	2.19	2.16	2.16		1.99	1.65	1.60	1.60
NAN		2.74	2.51	2.45	2.45		2.04	1.82	1.77	1.77
PHICHIT		2.63	2.41	2.42	2.42		1.90	1.71	1.71	1.71
PHITSANULOK		2.86	2.58	2.46	2.46		2.17	1.90	1.79	1.79
PHETCHABUN		2.63	2.41	2.36	2.36		2.01	1.79	1.74	1.74
PHARE		2.39	2.09	2.00	2.00		1.90	1.62	1.53	1.53
MAE HONG SON		2.96	2.63	2.51	2.51		2.30	1.98	1.89	1.89
LAMPANG		2.85	2.52	2.43	2.43		2.18	1.88	1.80	1.80
LAMPHUN		2.25	2.03	2.00	2.00		1.77	1.55	1.51	1.51
SUKHOTHAHAI		2.63	2.40	2.36	2.36		1.95	1.73	1.69	1.69
UTTARADIT		2.71	2.49	2.45	2.45		1.99	1.79	1.75	1.75
PHAYAO		2.90	2.64	2.54	2.54		2.08	1.86	1.78	1.78
UTHAI THANI		2.87	2.54	2.45	2.45		2.11	1.84	1.77	1.77
TOTAL		2.75	2.42	2.30	2.30		2.09	1.80	1.70	1.70

CHANGWAT -----	LT				HT					
	E	91-96	96-01	01-06	06-11	E	91-96	96-01	01-06	06-11
		1.74	1.52	1.39	1.28		1	1	1	1
KAMPHAENG PHET		10.99	8.89	7.91	7.34		6.71	6.11	5.89	5.89
CHIANG RAI		8.91	7.58	7.00	6.50		5.53	5.25	5.24	5.24
CHIANG MAI		9.64	8.53	7.55	7.03		6.13	5.97	5.70	5.70
TAK		10.95	8.43	7.21	6.71		6.79	5.87	5.45	5.45
NAKHON SAWAN		9.36	6.96	6.51	6.05		5.78	4.85	4.89	4.89
NAN		10.06	8.51	7.78	7.22		6.15	5.84	5.79	5.79
PHICHIT		10.31	8.59	7.96	7.37		6.21	5.85	5.89	5.89
PHITSANULOK		10.04	8.53	7.62	7.08		6.21	5.89	5.69	5.69
PHETCHABUN		9.13	7.86	7.20	6.69		5.67	5.44	5.39	5.39
PHARE		7.42	6.19	5.64	5.26		4.75	4.38	4.29	4.29
MAE HONG SON		9.85	8.27	7.36	6.84		6.18	5.77	5.55	5.55
LAMPANG		9.88	8.16	7.32	6.80		6.14	5.66	5.49	5.49
LAMPHUN		7.20	6.18	5.80	5.40		4.57	4.35	4.39	4.39
SUKHOTHAI		9.79	8.21	7.52	6.97		5.98	5.63	5.59	5.59
UTTARADIT		10.25	8.68	7.94	7.36		6.23	5.93	5.89	5.89
PHAYAO		11.48	9.45	8.53	7.89		6.89	6.42	6.29	6.29
UTHAI THANI		10.79	8.67	7.78	7.22		6.56	5.94	5.79	5.79
TOTAL		9.62	7.87	6.91	6.43		5.96	5.45	5.19	5.19

CHANGWAT -----	HT				
	E	91-96	96-01	01-06	06-11
		1.15	1.12	1.09	1.07
KAMPHAENG PHET		7.57	6.74	6.36	6.25
CHIANG RAI		6.20	5.78	5.64	5.55
CHIANG MAI		6.83	6.55	6.12	6.03
TAK		7.62	6.45	5.85	5.76
NAKHON SAWAN		6.49	5.33	5.26	5.18
NAN		6.93	6.45	6.25	6.15
PHICHIT		7.03	6.47	6.36	6.26
PHITSANULOK		6.98	6.49	6.14	6.04
PHETCHABUN		6.36	6.00	5.81	5.71
PHARE		5.28	4.79	4.60	4.53
MAE HONG SON		6.92	6.34	5.96	5.87
LAMPANG		6.89	6.23	5.91	5.82
LAMPHUN		5.10	4.77	4.71	4.64
SUKHOTHAI		6.74	6.22	6.03	5.93
UTTARADIT		7.03	6.56	6.36	6.26
PHAYAO		7.80	7.11	6.80	6.69
UTHAI THANI		7.40	6.57	6.25	6.15
TOTAL		6.69	6.01	5.59	5.50

GROWTH RATE OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

SOUTHERN REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
CHUMPHON	2.88	2.08	2.20	2.20	2.70	3.20	4.40	4.40
KRABI	3.07	2.25	2.40	2.40	2.90	3.60	4.00	4.00
NAKHON SI THAMMARAT	1.38	1.02	1.10	1.10	4.90	5.10	4.40	4.40
NARATHIWAT	2.58	1.88	2.00	2.00	2.10	2.80	4.90	4.90
PATTANI	2.38	1.78	1.90	1.90	4.30	4.70	4.70	4.70
PHANG NGA	1.90	1.42	1.50	1.50	1.70	2.00	4.20	4.20
PHATTHALUNG	1.68	1.23	1.30	1.30	3.90	4.10	5.10	5.10
PHUKET	2.38	1.78	1.90	1.90	3.20	4.00	3.90	3.90
RANONG	3.17	2.35	2.50	2.50	1.70	2.40	4.20	4.20
SATUN	2.28	1.68	1.80	1.80	3.30	3.70	3.60	3.60
SONGKHLA	1.48	1.12	1.20	1.20	4.60	4.70	4.70	4.70
SURATTHANI	1.98	1.42	1.50	1.50	3.50	3.70	4.30	4.30
TRANG	3.87	2.83	3.00	3.00	0.80	1.60	4.00	4.00
YALA	2.68	1.97	2.10	2.10	2.80	3.20	4.10	4.10
TOTAL	2.18	1.60	1.70	1.70	3.30	3.90	4.50	4.50

CHANGWAT	MC				PC				
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11	
E	1.69	1.49	1.37	1.26	E	1.5	1.37	1.28	1.2
CHUMPHON	8.78	7.75	8.30	7.76	8.01	7.25	7.86	7.46	
KRABI	9.06	8.15	8.12	7.60	8.26	7.62	7.70	7.32	
NAKHON SI THAMMARAT	9.93	8.66	7.72	7.18	8.93	8.03	7.28	6.88	
NARATHIWAT	8.09	7.34	8.55	7.98	7.39	6.86	8.08	7.66	
PATTANI	9.93	8.76	8.36	7.79	9.00	8.15	7.90	7.49	
PHANG NGA	7.39	6.49	7.79	7.26	6.73	6.06	7.36	6.97	
PHATTHALUNG	9.20	8.00	8.32	7.73	8.31	7.44	7.84	7.42	
PHUKET	8.96	8.21	7.79	7.27	8.14	7.66	7.37	6.99	
RANONG	8.04	7.28	8.32	7.79	7.38	6.82	7.88	7.49	
SATUN	8.99	7.93	7.52	7.03	8.16	7.39	7.12	6.76	
SONGKHLA	9.72	8.40	7.98	7.42	8.75	7.80	7.52	7.12	
SURATTHANI	9.01	7.79	7.86	7.32	8.16	7.25	7.42	7.03	
TRANG	7.61	6.91	8.44	7.92	7.03	6.50	8.01	7.63	
YALA	8.76	7.70	8.04	7.51	7.98	7.19	7.61	7.22	
TOTAL	8.94	8.04	8.11	7.56	8.11	7.49	7.66	7.26	

CHANGWAT -----	LB				HB			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
	E 0.33	0.33	0.33	0.33 E	0.19	0.19	0.19	0.19
CHUMPHON	3.40	2.96	3.25	3.25	2.86	2.40	2.59	2.59
KRABI	3.53	3.11	3.29	3.29	2.98	2.52	2.65	2.65
NAKHON SI THAMM	3.00	2.73	2.69	2.69	2.32	2.04	2.04	2.04
NARATHIWAT	3.15	2.80	3.23	3.23	2.66	2.26	2.54	2.54
PATTANI	3.41	3.06	3.15	3.15	2.76	2.39	2.47	2.47
PHANG NGA	2.74	2.43	2.87	2.87	2.28	1.95	2.22	2.22
PHATTHALUNG	2.99	2.68	2.91	2.91	2.37	2.06	2.20	2.20
PHUKET	3.23	2.94	3.02	3.02	2.66	2.32	2.39	2.39
RANONG	3.38	2.97	3.37	3.37	2.91	2.46	2.72	2.72
SATUN	3.20	2.84	2.92	2.92	2.62	2.24	2.31	2.31
SONGKHLA	3.01	2.72	2.79	2.79	2.34	2.06	2.11	2.11
SURATTHANI	3.08	2.71	2.88	2.88	2.49	2.11	2.23	2.23
TRANG	3.58	3.07	3.59	3.59	3.18	2.62	2.96	2.96
YALA	3.32	2.91	3.15	3.15	2.77	2.34	2.51	2.51
TOTAL	3.15	2.83	3.02	3.02	2.57	2.22	2.35	2.35

CHANGWAT -----	LT				MT			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
	E 1.74	1.52	1.39	1.28 E	1	1	1	1
CHUMPHON	8.98	7.88	8.40	7.86	6.01	5.70	6.48	6.48
KRABI	9.26	8.29	8.22	7.70	6.21	5.99	6.38	6.38
NAKHON SI THAMM	10.19	8.81	7.82	7.28	6.36	6.11	5.90	5.90
NARATHIWAT	8.28	7.46	8.66	8.08	5.55	5.40	6.63	6.63
PATTANI	10.18	8.91	8.46	7.90	6.58	6.31	6.47	6.47
PHANG NGA	7.57	6.60	7.89	7.36	5.00	4.75	6.01	6.01
PHATTHALUNG	9.44	8.14	8.43	7.84	6.01	5.72	6.36	6.36
PHUKET	9.17	8.35	7.88	7.37	6.01	5.95	6.07	6.07
RANONG	8.22	7.39	8.42	7.88	5.65	5.43	6.53	6.53
SATUN	9.21	8.06	7.62	7.12	6.01	5.75	5.86	5.86
SONGKHLA	9.97	8.55	8.09	7.52	6.26	5.97	6.11	6.11
SURATTHANI	9.24	7.93	7.96	7.42	5.96	5.62	6.06	6.06
TRANG	7.76	7.01	8.54	8.01	5.53	5.27	6.69	6.69
YALA	8.97	7.82	8.13	7.61	5.96	5.65	6.27	6.27
TOTAL	9.16	8.18	8.21	7.66	5.96	5.81	6.27	6.27

CHANGWAT	HT			
	91-96	96-01	01-06	06-11
----- E	1.15	1.12	1.09	1.07
CHUMPHON	6.61	6.20	6.92	6.82
KRABI	6.82	6.52	6.80	6.71
NAKHON SI THAMM	7.12	6.73	6.34	6.25
NARATHIWAT	6.10	5.87	7.09	6.99
PATTANI	7.30	6.90	6.93	6.83
PHANG NGA	5.51	5.18	6.44	6.35
PHATTHALUNG	6.69	6.27	6.84	6.73
PHUKET	6.65	6.50	6.48	6.39
RANONG	6.16	5.88	6.96	6.87
SATUN	6.65	6.28	6.26	6.17
SONGKHLA	7.00	6.56	6.56	6.46
SURATTHANI	6.61	6.14	6.50	6.40
TRANG	5.98	5.67	7.11	7.02
YALA	6.56	6.14	6.70	6.60
TOTAL	6.60	6.35	6.71	6.61

GROWTH RATE OF POPULATION , PER CAPITA INCOME AND TRAFFIC (%)

WESTERN REGION

CHANGWAT	POPULATION GROWTH RATE (%)				PER CAPITA INCOME GROWTH RATE (%)			
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11
KANCHANABURI	1.97	2.12	2.10	2.10	3.80	3.10	2.90	2.90
PRACHUAP KHIRI KHAN	0.60	0.62	0.60	0.60	5.00	4.70	4.60	4.60
PHETCHABURI	0.43	0.48	0.50	0.50	5.40	5.00	4.90	4.90
RATCHABURI	0.53	0.58	0.60	0.60	5.60	5.20	5.10	5.10
SAMUT SONGKHRAM	0.53	0.45	0.20	0.20	2.30	3.90	4.20	4.20
SUPHAN BURI	0.20	0.35	0.60	0.60	4.40	4.10	3.90	3.90
TOTAL	0.83	0.90	0.90	0.90	4.50	4.40	4.30	4.30

CHANGWAT	E	MC				E	PC			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
KANCHANABURI		9.27	7.70	7.19	6.73		8.39	7.20	6.81	6.48
PRACHUAP KHIRI KHAN		9.59	8.13	7.59	7.04		8.59	7.53	7.14	6.74
PHETCHABURI		9.85	8.29	7.75	7.18		8.81	7.67	7.28	6.87
RATCHABURI		10.08	8.50	7.95	7.36		9.02	7.86	7.47	7.04
SAMUT SONGKHRAM		7.20	7.43	7.10	6.57		6.48	6.88	6.67	6.29
SUPHAN BURI		8.85	7.53	7.10	6.59		7.91	6.97	6.69	6.31
TOTAL		9.28	8.05	7.54	7.01		8.33	7.47	7.10	6.72

CHANGWAT	E	LB				E	HB			
		91-96	96-01	01-06	06-11		91-96	96-01	01-06	06-11
KANCHANABURI		3.12	2.97	2.96	2.96		2.51	2.41	2.40	2.40
PRACHUAP KHIRI KHAN		2.62	2.47	2.47	2.47		1.93	1.80	1.80	1.80
PHETCHABURI		2.60	2.44	2.47	2.47		1.88	1.76	1.78	1.78
RATCHABURI		2.68	2.53	2.55	2.55		1.95	1.83	1.85	1.85
SAMUT SONGKHRAM		2.15	2.25	2.21	2.21		1.65	1.64	1.56	1.56
SUPHAN BURI		2.32	2.23	2.36	2.36		1.67	1.61	1.74	1.74
TOTAL		2.66	2.56	2.58	2.58		2.00	1.92	1.93	1.93

CHANGWAT	LT				MT					
	91-96	96-01	01-06	06-11	91-96	96-01	01-06	06-11		
-----	E	1.74	1.52	1.39	1.28	E	1	1	1	1
KANCHANABURI	9.50	7.82	7.27	6.81	6.11	5.67	5.66	5.66		
PRACHUAP KHIRI	9.86	8.29	7.70	7.14	6.00	5.70	5.74	5.74		
PHETCHABURI	10.13	8.44	7.86	7.28	6.11	5.78	5.84	5.84		
RATCHABURI	10.36	8.66	8.05	7.47	6.26	5.93	6.00	6.00		
SAMUT SONGKHRAM	7.39	7.57	7.20	6.67	4.61	5.21	5.33	5.33		
SUPHAN BURI	9.10	7.67	7.20	6.69	5.49	5.26	5.39	5.39		
TOTAL	9.53	8.20	7.64	7.10	5.87	5.70	5.75	5.75		

CHANGWAT	HT				
	91-96	96-01	01-06	06-11	
-----	E	1.15	1.12	1.09	1.07
KANCHANABURI	6.79	6.16	6.03	5.95	
PRACHUAP KHIRI	6.77	6.29	6.19	6.09	
PHETCHABURI	6.91	6.39	6.30	6.20	
RATCHABURI	7.08	6.56	6.47	6.36	
SAMUT SONGKHRAM	5.16	5.75	5.76	5.67	
SUPHAN BURI	6.21	5.81	5.81	5.71	
TOTAL	6.60	6.27	6.18	6.09	



ประวัติผู้เขียน

นายสหรัฐ พิมพศักดิ์ เกิดเมื่อวันที่ 18 กันยายน พ.ศ.2505 ที่จังหวัดขอนแก่น
สำเร็จการศึกษาปริญญาวิศวกรรมศาสตรบัณฑิต จากมหาวิทยาลัยขอนแก่น เมื่อปี พ.ศ.2526