



WHO / UNICEF

**Joint Monitoring Programme
for Water Supply and Sanitation**

Coverage Estimates
Improved Sanitation

Updated in July 2008

Japan

Status of wastewater treatment facilities on march 2007 (sewerage)

size of city	no of city	population	
total	1805	82.4	127.05
>1000000	12	99.1	27.34
500000-1000000	15	87.6	10.33
300000-500000	45	86.1	17.38
100000-300000	189	81.4	30.46
50000-100000	281	76.5	19.55
<50000	1263	65.5	21.99

Valid points:	26.0	16.0	26.0	16.0	0.0	2.0	0.0	2.0
Min year:	1980	1980	1980	1980	0	1990	0	1990
Max year:	2005	2005	2005	2005	0	2000	0	2000
Period:	25	25	25	25	0	10	0	10
Validity:	1	1	1	1	0	0	0	0
Av. Dist.	#NOM?	#NOM?	#NOM?	#NOM?	#NOM?	#NOM?	#NOM?	#NOM?
Erreur Type:	0.28	0.00	0.49	0.00				
Pente (a):	0.11	0.00	0.53	0.00		0.00		0.00
Estim.1980 (b):	95.76	100.00	80.62	100.00		100.00		100.00
Moyenne:	97.12	100.00	87.28	100.00		100.00		100.00
Pearson Corr.:	0.84		0.96			#DIV/0!		#DIV/0!
Coef.Det. (r2):	0.84		0.96					

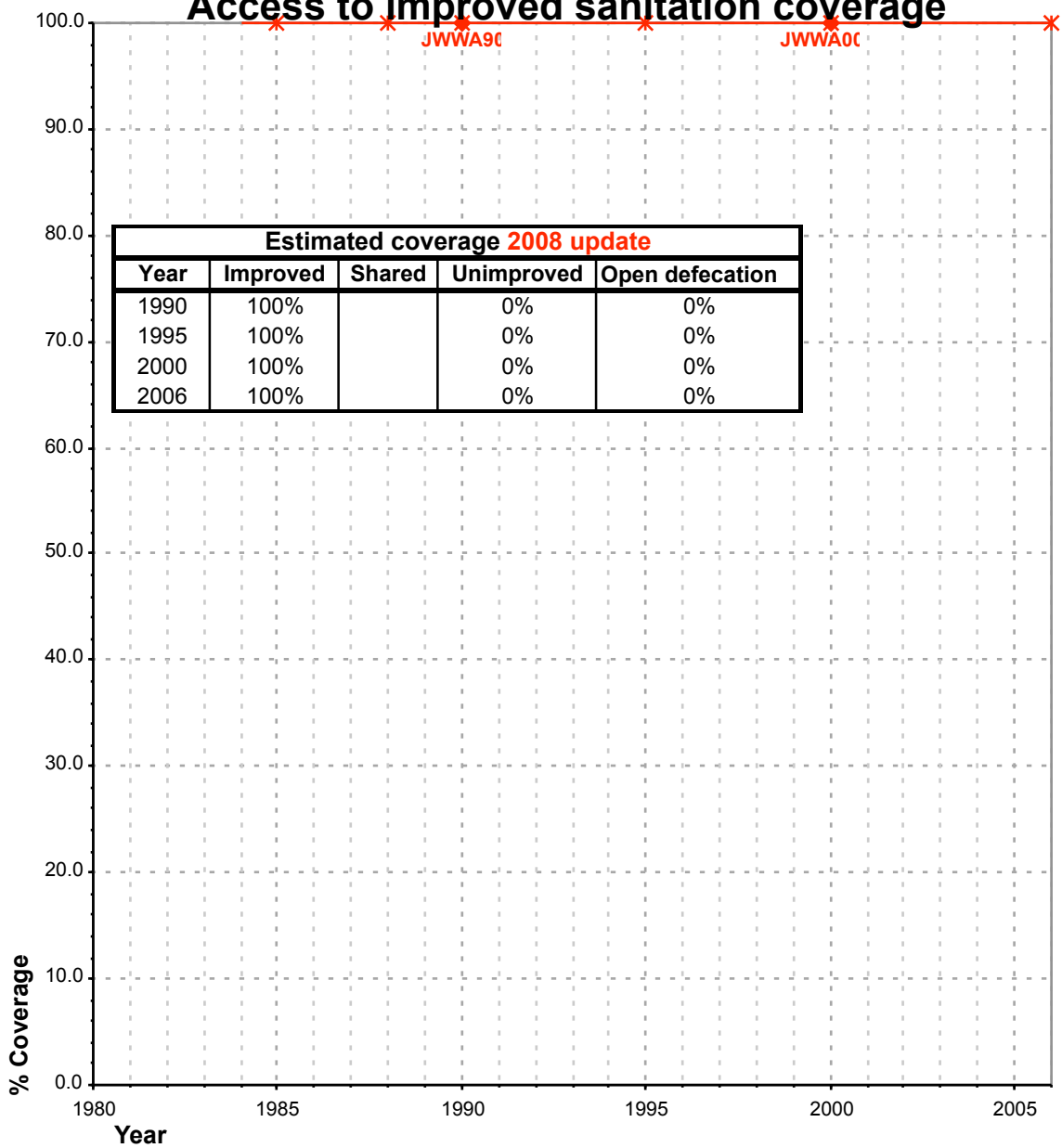
Validity = 1 if the projection is based on regression and covers at least the
Average distance of the data points to the regression line
Standart error
Slope
X=0
Average
Coefficient of correlation
Coefficient of determination

	UWH	UWT	RWH	RWT	USH	UST	RSH	RST
Data :	1990 98.1	1990 100.0	1990 91.1	1990 100.0		1990 100.0		1990 100.0
	2000 98.1	2000 100.0	2000 91.1	2000 100.0		2000 100.0		2000 100.0
	2003 96.9	2003 100.0	2003 96.9	2003 100.0				
	2005 97.2	2005 100.0	2005 97.2	2005 100.0				
	1980 95.3	1980 100.0	1980 79.5	1980 100.0				
	1981 95.5	1981 100.0	1981 80.5	1981 100.0				
	1982 95.7	1982 100.0	1982 81.1	1982 100.0				
	1983 95.9	1983 100.0	1983 82.0	1983 100.0				
	1984 96.2	1984 100.0	1984 82.8	1984 100.0				
	1985 96.3	1985 100.0	1985 83.3	1985 100.0				
	1986 96.5	1986 100.0	1986 83.9	1986 100.0				
	1987 96.6	1987 100.0	1987 84.7	1987 100.0				
	1988 96.8	1988 100.0	1988 85.3	1988 100.0				
	1989 96.9	1989 100.0	1989 85.8	1989 100.0				
	1990 97.1	1990 100.0	1990 86.5	1990 100.0				
	1991 97.2	1991 100.0	1991 86.8	1991 100.0				
	1992 97.3	1992 100.0	1992 87.4	1992 100.0				
	1993 97.4	1993 100.0	1993 88.0	1993 100.0				
	1994 97.5	1994 100.0	1994 88.5	1994 100.0				
	1995 97.6	1995 100.0	1995 89.2	1995 100.0				
	1996 97.7	1996 100.0	1996 89.7	1996 100.0				
	1997 97.8	1997 100.0	1997 90.0	1997 100.0				
	1998 97.9	1998 100.0	1998 90.4	1998 100.0				
	1999 97.9	1999 100.0	1999 90.8	1999 100.0				
	2000 98.1	2000 100.0	2000 91.4	2000 100.0				
	2001 98.1	2001 100.0	2001 91.5	2001 100.0				
	2002 98.1	2002 100.0	2002 91.9	2002 100.0				
	2003 98.1	2003 100.0	2003 92.2	2003 100.0				
	2004 97.9	2004 100.0	2004 92.8	2004 100.0				
	2005 97.7	2005 100.0	2005 93.3	2005 100.0				

Japan			SANITATION								
			URBAN				RURAL				
			HC		Total		HC		Total		
Source	Code	Year	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	Used for estimates	Not used for estimates	
JAPAN WATER WORKS ASSOCIATION	JWWA	1990			100.0					100.0	
JAPAN WATER WORKS ASSOCIATION	JWWA	2000			100.0					100.0	
JAPAN WATER WORKS ASSOCIATION	JWWA	2003									
JAPAN WATER WORKS ASSOCIATION	JWWA	2005									
JAPAN WATER WORKS ASSOCIATION	JWWA	2007									
Ministry of Health, Labour and Welfare, Japan	MHLW	1980									
Ministry of Health, Labour and Welfare, Japan	MHLW	1981									
Ministry of Health, Labour and Welfare, Japan	MHLW	1982									
Ministry of Health, Labour and Welfare, Japan	MHLW	1983									
Ministry of Health, Labour and Welfare, Japan	MHLW	1984									
Ministry of Health, Labour and Welfare, Japan	MHLW	1985									
Ministry of Health, Labour and Welfare, Japan	MHLW	1986									
Ministry of Health, Labour and Welfare, Japan	MHLW	1987									
Ministry of Health, Labour and Welfare, Japan	MHLW	1988									
Ministry of Health, Labour and Welfare, Japan	MHLW	1989									
Ministry of Health, Labour and Welfare, Japan	MHLW	1990									
Ministry of Health, Labour and Welfare, Japan	MHLW	1991									
Ministry of Health, Labour and Welfare, Japan	MHLW	1992									
Ministry of Health, Labour and Welfare, Japan	MHLW	1993									
Ministry of Health, Labour and Welfare, Japan	MHLW	1994									
Ministry of Health, Labour and Welfare, Japan	MHLW	1995									
Ministry of Health, Labour and Welfare, Japan	MHLW	1996									
Ministry of Health, Labour and Welfare, Japan	MHLW	1997									
Ministry of Health, Labour and Welfare, Japan	MHLW	1998									
Ministry of Health, Labour and Welfare, Japan	MHLW	1999									
Ministry of Health, Labour and Welfare, Japan	MHLW	2000									
Ministry of Health, Labour and Welfare, Japan	MHLW	2001									
Ministry of Health, Labour and Welfare, Japan	MHLW	2002									
Ministry of Health, Labour and Welfare, Japan	MHLW	2003									
Ministry of Health, Labour and Welfare, Japan	MHLW	2004									
Ministry of Health, Labour and Welfare, Japan	MHLW	2005									

HC=Estimation

Japan - urban - Access to improved sanitation coverage



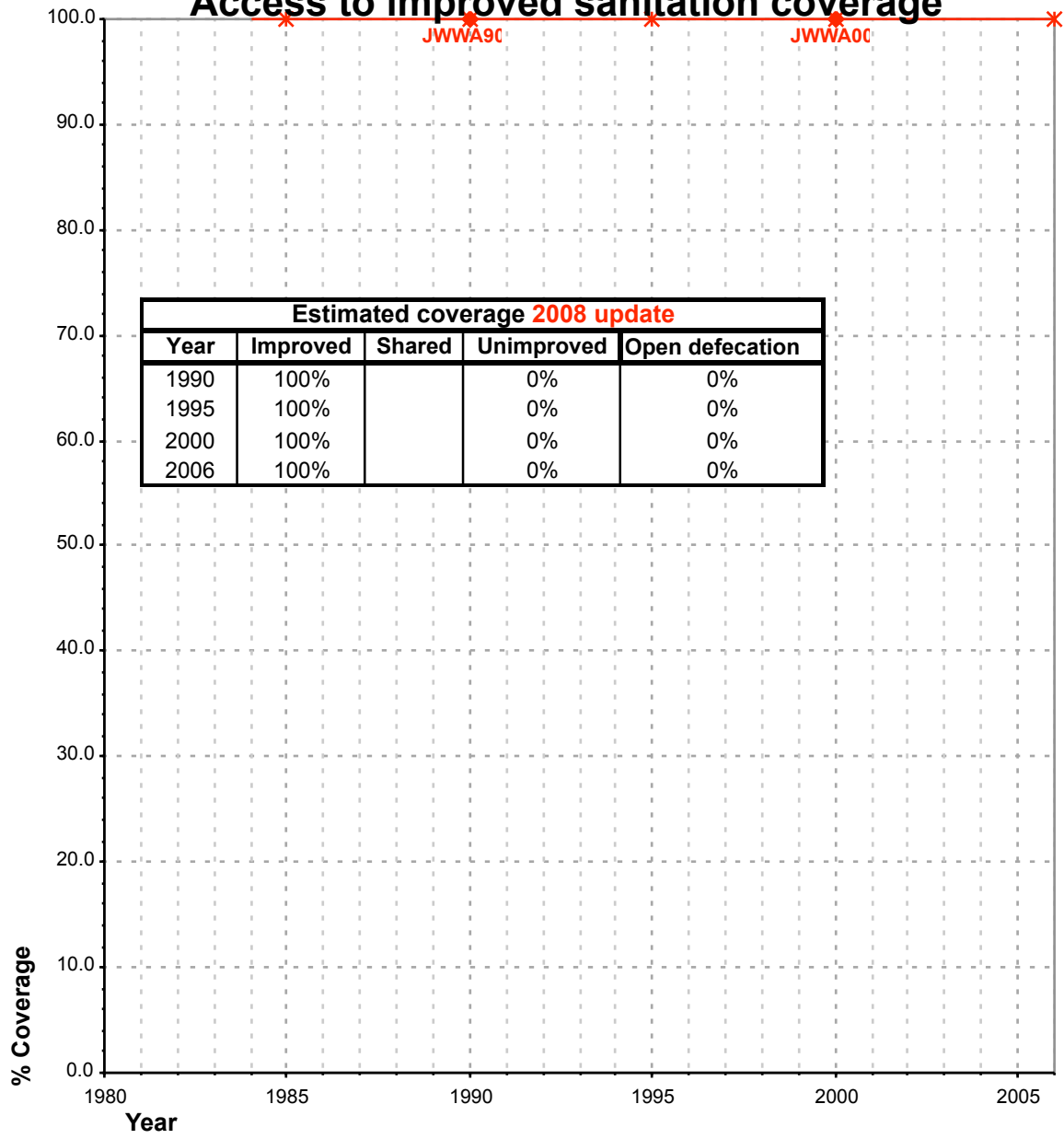
Total improved access

- ◆ Used for estimates
- * Estimates

Total access :

Sewerage connections :

Japan - rural - Access to improved sanitation coverage



Total improved access

◆ Used for estimates

✱ Estimates

Total access :
Sewerage connections :