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Tables

2003 -1999

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Table 1: Selected Indicators for Land Use in the Palestinian Territory, 1999 – 2003

Indicator	Year					
	2003	2002	2001	2000	1999	
Area of Agricultural Land (km ²)	1,486.5	1,516.3	1,495.0	1,514.8	1,368.2	(²)
Area of Forests and Wooded Land (km ²)	91.7	91.7	91.7	90.8	90.8	(²)
Area of Permanent Agricultural Land (km ²)	1,158.1	1,181.3	1,174.4	1,192.6	1,124.0	(²)
Area of Temporary Agricultural Land (km ²)	328.4	335.0	320.6	322.2	244.2	(²)
Area of Irrigated Agricultural Land (km ²)	153.3	162.2	162.1	161.6	156.0	(²)
Area of Rain-fed Agricultural Land (km ²)	1,333.2	1,354.1	1,332.9	1,353.2	1,212.2	(²)
Yield of Irrigated Agricultural Land (ton\ km ²)	4,743.8	4,686.7	4,671.2	4,677.1	4,784.6	(² /)
Yield of Rain-fed Agricultural Land (ton\ km ²)	213.3	314.8	159.6	278.6	108.3	(² /)
Value of Agricultural Production of Agricultural Land (1000 US \$\ km ²)	..	334.3	288.3	415.5	298.3	(² / 1000)
Population Density (Capita\ km ²)	620.9	591.4	548.0	523.3	501.6	(² /)
Area of Permanent Agricultural Land Per Capita (m ²)	309.8	331.8	356.0	407.9	401.7	(²)
Area of Built-up Land in Israeli Settlements (km ²)	181.4	146.0	..	(²)

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Table 2: Area of Agricultural Land and Forests by Type of Agricultural Cover and Region\Governorate, 2002- 2003

Region\Governorate	(²) Forests and Wooded Land (km²)	(²) Total (km²)		Type of Agricultural Cover								/
				(²) Temporary Crops (km²)				(²) Permanent Crops (km²)				
				Rain-fed		Irrigated		Rain-fed		Irrigated		
				2003	2002	2003	2002	2003	2002	2003	2002	
Palestinian Territory	91.7	1,486.5	1,516.3	244.9	253.7	83.5	81.3	1,088.3	1,100.4	69.8	80.9	
West Bank	88.5	1,372.8	1,389.6	225.8	235.0	51.4	49.3	1,077.5	1,087.2	18.1	18.1	
Jenin	33.3	280.8	289.8	60.1	64.9	9.3	8.8	211.0	215.7	0.4	0.4	
Tubas	22.2	57.6	54.0	30.2	28.4	10.2	9.5	16.4	15.3	0.8	0.8	
Tulkarm	1.2	145.3	145.4	5.7	5.3	5.3	6.1	130.3	130.0	4.0	4.0	
Nablus	2.4	221.2	224.6	15.1	17.8	2.8	2.4	200.3	201.2	3.0	3.2	
Qalqiliya	2.5	59.8	65.9	1.4	1.7	2.5	3.1	52.6	56.8	3.3	4.3	
Salfit	11.9	82.2	83.0	1.2	2.5	0.3	0.3	80.6	80.1	0.1	0.1	
Ramallah & Al- Bireh	2.3	184.3	183.9	22.2	21.2	0.5	0.5	161.5	162.1	0.1	0.1	
Jericho	-	23.5	20.8	-	0.0	17.8	16.2	-	-	5.7	4.6	
Jerusalem	2.0	18.1	17.5	2.0	2.0	0.1	0.0	16.0	15.5	-	-	
Bethlehem	1.4	52.9	57.6	7.7	9.2	1.1	1.3	43.8	46.9	0.3	0.2	
Hebron	9.3	247.1	247.1	80.2	82.0	1.5	1.1	165.0	163.6	0.4	0.4	
Gaza Strip	3.2	113.7	126.7	19.1	18.7	32.1	32.0	10.8	13.2	51.7	62.8	
North Gaza	..	14.0	21.5	0.7	0.7	4.7	4.0	0.2	0.5	8.4	16.3	
Gaza	..	22.4	24.7	1.5	2.2	2.2	2.4	2.9	3.3	15.8	16.8	
Deir Al- Balah	..	18.3	19.7	2.7	2.4	3.5	3.7	2.8	2.7	9.3	10.9	
Khan Yunis	..	38.0	39.9	11.9	11.6	10.4	10.1	2.8	4.2	12.9	14.0	
Rafah	..	21.0	20.9	2.3	1.8	11.3	11.8	2.1	2.5	5.3	4.8	

Table 3: Area of Governorate, Population and Population Density of Palestinian Territory by Region\Governorate, 2002- 2003

Region\Governorate	(/) Population Density (Capital\ km ²)		* Population*		() Governorate Area (km ²)	/
	2003	2002	2003	2002		
Palestinian Territory	620.9	591.4	3,737,895	3,559,999	6,020	
West Bank	418.7	399.8	2,367,550	2,260,596	5,655	
Jenin	435.6	416.1	253,965	242,603	583	
Tubas	115.6	110.2	46,453	44,283	402	
Tulkarm	682.0	651.7	167,770	160,306	246	
Nablus	540.1	516.1	326,752	312,241	605	
Qalqiliya	562.7	534.8	93,413	88,779	166	
Salfit	303.1	288.8	61,830	58,913	204	
Ramallah & Al- Bireh	325.0	308.7	277,898	263,956	855	
Jericho	70.9	67.5	42,057	40,053	593	
Jerusalem	1167.8	1,125.9	402,900	388,444	345	
Bethlehem	264.1	251.8	174,033	165,951	659	
Hebron	522.0	496.6	520,479	495,067	997	
Gaza Strip	3754.4	3,560.0	1,370,345	1,299,403	365	
North Gaza	4253.7	4,004.1	259,475	244,250	61	
Gaza	6525.0	6,203.3	482,848	459,045	74	
Deir Al-Balah	3422.3	3,246.4	198,494	188,292	58	
Khan Yunis	2464.9	2,340.1	266,213	252,726	108	
Rafah	2551.8	2,423.3	163,315	155,090	64	

*According to Palestinian Central Bureau of Statistics end year estimations.

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2003-2002 /

Table 4: Area of Permanent Agricultural Land, Population and Area of Permanent Agricultural Land Per Capita by Region\Governorate, 2002-2003

Region\Governorate	(²) Area of Permanent Agricultural Land Per Capita (m²)		* Population*		(²) Area of Permanent Agricultural Land (km²)		/
	2003	2002	2003	2002	2003	2002	
Palestinian Territory	309.8	331.8	3,737,895	3,559,999	1,158.1	1,181.3	
West Bank	462.8	488.9	2,367,550	2,260,596	1,095.6	1,105.3	
Jenin	832.4	890.8	253,965	242,603	211.4	216.1	
Tubas	370.3	363.6	46,453	44,283	17.2	16.1	
Tulkarm	800.5	835.9	167,770	160,306	134.3	134.0	
Nablus	622.2	654.6	326,752	312,241	203.3	204.4	
Qalqiliya	598.4	688.2	93,413	88,779	55.9	61.1	
Salfit	1,305.2	1361.3	61,830	58,913	80.7	80.2	
Ramallah & Al- Bireh	581.5	614.5	277,898	263,956	161.6	162.2	
Jericho	135.5	114.8	42,057	40,053	5.7	4.6	
Jerusalem	39.7	39.9	402,900	388,444	16.0	15.5	
Bethlehem	253.4	283.8	174,033	165,951	44.1	47.1	
Hebron	317.8	331.3	520,479	495,067	165.4	164.0	
Gaza Strip	45.6	58.5	1,370,345	1,299,403	62.5	76.0	
North Gaza	33.1	68.8	259,475	244,250	8.6	16.8	
Gaza	38.7	43.8	482,848	459,45	18.7	20.1	
Deir Al- Balah	61.0	72.2	198,494	188,292	12.1	13.6	
Khan Yunis	59.0	72.0	266,213	252,726	15.7	18.2	
Rafah	45.3	47.1	163,315	155,090	7.4	7.3	

*According to Palestinian Central Bureau of Statistics end year estimations.

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2003 -2002 /

Table 5: Governorate Area, Area of Agricultural Land and Percent of Agricultural Land Area of Governorate Area by Region\Governorate, 2002- 2003

Region\Governorate	(%) Percent of Agricultural Land Area (%)		(²) Area of Agricultural Land (km ²)		(²) Governorate Area (km ²)	/
	2003	2002	2003	2002		
Palestinian Territory	24.7	25.2	1,486.5	1,516.3	6,020	
West Bank	24.3	24.6	1,372.8	1,389.6	5,655	
Jenin	48.2	49.7	280.8	289.8	583	
Tubas	14.3	13.4	57.6	54.0	402	
Tulkarm	59.1	59.1	145.3	145.4	246	
Nablus	36.6	37.1	221.2	224.6	605	
Qalqiliya	36.0	39.7	59.8	65.9	166	
Salfit	40.3	40.7	82.2	83.0	204	
Ramallah & Al- Bireh	21.6	21.5	184.3	183.9	855	
Jericho	4.0	3.5	23.5	20.8	593	
Jerusalem	5.2	5.1	18.1	17.5	345	
Bethlehem	8.0	8.7	52.9	57.6	659	
Hebron	24.8	24.8	247.1	247.1	997	
Gaza Strip	31.2	34.7	113.7	126.7	365	
North Gaza	23.0	35.2	14.0	21.5	61	
Gaza	30.3	33.4	22.4	24.7	74	
Deir Al- Balah	31.6	34.0	18.3	19.7	58	
Khan Yunis	35.2	36.9	38.0	39.9	108	
Rafah	32.8	32.7	21.0	20.9	64	

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Table 6: Area of Agricultural Land, Area of Irrigated part, and Percent of Irrigated Agricultural Land by Region\Governorate, 2002-2003

Region\Governorate	%		(²)		(²)		/
	% of Irrigated Agricultural Land (km²)		Area of Irrigated Agricultural Land (km²)		Area of Agricultural Land (km²)		
	2003	2002	2003	2002	2003	2002	
Palestinian Territory	10.3	10.7	153.3	162.2	1,486.5	1,516.3	
West Bank	5.1	4.9	69.5	67.4	1,372.8	1,389.6	
Jenin	3.5	3.2	9.7	9.2	280.8	289.8	
Tubas	19.1	19.1	11.0	10.3	57.6	54.0	
Tulkarm	6.4	6.9	9.3	10.1	145.3	145.4	
Nablus	2.6	2.5	5.8	5.6	221.2	224.6	
Qalqiliya	9.7	11.2	5.8	7.4	59.8	65.9	
Salfit	0.5	0.5	0.4	0.4	82.2	83.0	
Ramallah & Al- Bireh	0.3	0.3	0.6	0.6	184.3	183.9	
Jericho	100.0	100.0	23.5	20.8	23.5	20.8	
Jerusalem	0.6	0.0	0.1	0.0	18.1	17.5	
Bethlehem	2.6	2.6	1.4	1.5	52.9	57.6	
Hebron	0.8	0.6	1.9	1.5	247.1	247.1	
Gaza Strip	73.7	74.8	83.8	94.8	113.7	126.7	
North Gaza	93.6	94.4	13.1	20.3	14.0	21.5	
Gaza	80.4	77.7	18	19.2	22.4	24.7	
Deir Al-Balah	69.9	74.1	12.8	14.6	18.3	19.7	
Khan Yunis	61.3	60.4	23.3	24.1	38.0	39.9	
Rafah	79.0	79.4	16.6	16.6	21.0	20.9	

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Table 7: Area of Agricultural Land, Production and Yield of Agricultural Land by Type of Irrigation and Region\Governorate, 2002 - 2003

Region\Governorate	(/) *				() *				()				/
	Yield of Agricultural Land* (ton\ km ²)				Production* (ton)				Area of Agricultural Land (km ²)				
	Rain-fed		Irrigated		Rain-fed		Irrigated		Rain-fed		Irrigated		
2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002		
Palestinian Territory	213.3	314.8	4,743.8	4,686.7	284,385	426,241	727,231	760,186	1333.2	1,354.1	153.3	162.2	
West Bank	204.4	307.8	5,242.3	5,467.7	266,355	406,979	364,339	368,524	1303.3	1,322.2	69.5	67.4	
Jenin	222.2	504.7	6,260.0	6,769.2	60,228	141,612	60,722	62,277	271.1	280.6	9.7	9.2	
Tubas	479.0	526.7	5,853.3	5,744.6	22,323	23,016	64,386	59,169	46.6	43.7	11.0	10.3	
Tulkarm	213.9	137.2	7,542.2	7,535.8	29,089	18,563	70,142	76,112	136.0	135.3	9.3	10.1	
Nablus	83.4	234.1	3,539.1	4,119.8	17,956	51,268	20,527	23,071	215.4	219.0	5.8	5.6	
Qalqiliya	234.4	235.4	7,414.7	7,825.8	12,659	13,770	43,005	57,911	54.0	58.5	5.8	7.4	
Salfit	55.0	148.2	4,347.5	4,335.0	4,503	12,244	1,739	1,734	81.8	82.6	0.4	0.4	
Ramallah & Al- Bireh	104.8	145.7	4,618.3	4,195.0	19,246	26,701	2,771	2,517	183.7	183.3	0.6	0.6	
Jericho	-	982.5	3,362.9	3,298.4	-	28	79,028	68,607	-	0.0	23.5	20.8	
Jerusalem	274.1	308.4	8,680.0	**20,363.6	4,934	5,397	868	**112	18.0	17.5	0.1	**0.0	
Bethlehem	258.4	406.9	4,650.7	4,882.0	13,310	22,825	6,511	7,323	51.5	56.1	1.4	1.5	
Hebron	334.9	372.8	7,705.3	6,460.7	82,107	91,555	14,640	9,691	245.2	245.6	1.9	1.5	
Gaza Strip	603.0	603.8	4,330.5	4,131.5	18,030	19,262	362,892	391,662	29.9	31.9	83.8	94.8	
North Gaza	653.3	675.8	3,910.5	3,154.1	588	811	51,228	64,028	0.9	1.2	13.1	20.3	
Gaza	711.4	699.3	1,955.4	2,092.0	3,130	3,846	35,197	40,166	4.4	5.5	18.0	19.2	
Deir Al- Balah	638.5	772.9	3,471.3	3,874.6	3,512	3,942	44,432	56,569	5.5	5.1	12.8	14.6	
Khan Yunis	590.1	549.2	4,692.9	4,433.6	8,674	8,678	109,345	106,850	14.7	15.8	23.3	24.1	
Rafah	483.2	461.6	7,391.0	7,472.8	2,126	1,985	122,690	124,049	4.4	4.3	16.6	16.6	

*: Does Not Include Cut Flowers.

**: Protected Agriculture Only.

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Table 8: Length and Area of Roads in the Palestinian Territory by Region\Governorate and Road Type, 2003

Region\Governorate	Area of Roads (km ²) ()				Length of Roads (km) ()						/
	Total	Access	Regional	Main	Total	Agricultural	By Pass	Access	Regional	Main	
Palestinian Territory	103.0	64.7	11.8	26.5	14,675.7	9,732.1	785.9	3,234.5	393.4	529.8	
West Bank	91.4	56.2	11.6	23.6	13,542.0	9,139.1	735.5	2,810.4	385.6	471.4	
Jenin	8.9	5.2	1.5	2.2	2,562.6	2,190.5	21.0	259.0	48.6	43.5	
Tubas	3.8	2.1	0.4	1.3	720.7	549.0	28.8	103.6	12.8	26.5	
Tulkarm	4.7	2.6	1.2	0.9	904.8	700.5	15.7	131.7	40.0	16.9	
Nablus	10.1	6.2	0.2	3.7	1,604.3	1,122.8	90.0	311.0	5.5	75.0	
Qalqiliya	3.4	1.4	0.8	1.2	618.8	462.9	34.1	71.6	26.2	24.0	
Salfit	2.2	1.6	0.6	0.0	502.1	349.5	54.1	78.5	19.6	0.4	
Ramallah & Al- Bireh	12.1	7.3	2.3	2.5	1,948.2	1,313.4	146.2	363.4	76.2	49.0	
Jericho	12.6	7.0	0.2	5.4	601.1	96.5	35.8	352.7	8.4	107.7	
Jerusalem	7.2	4.5	0.8	1.9	649.9	240.5	120.1	223.3	27.9	38.1	
Bethlehem	11.7	9.0	0.5	2.2	1,028.9	457.5	57.9	451.2	17.8	44.5	
Hebron	14.7	9.3	3.1	2.3	2,401.1	1,656.5	131.8	464.4	102.6	45.8	
Gaza Strip	11.6	8.5	0.2	2.9	1,133.7	593.0	50.4	424.1	7.8	58.4	
North Gaza	2.3	1.8	0.1	0.4	133.0	30.0	3.1	88.3	4.1	7.5	
Gaza	2.7	1.9	..	0.8	159.0	32.5	12.6	96.9	..	17.0	
Deir Al- Balah	1.9	1.4	..	0.5	252.0	170.0	1.0	71.0	..	10.0	
Khan Yunis	3.1	2.5	0.0	0.6	449.6	290.5	21.8	124.3	1.4	11.6	
Rafah	1.6	0.9	0.1	0.6	140.1	70.0	11.9	43.6	2.3	12.3	

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Table 9: Governorate Area, Area of Roads and Percent of Roads Area to the Total Area in the Palestinian Territory by Region\Governorate and Type of Road, 2003

Region\Governorate	Percent Area of Local Roads	(²) Area of Local Roads (km ²)	Percent Area of Regional Roads	(²) Area of Regional Roads (km ²)	Percent Area of Main Roads	(²) Area of Main Roads (km ²)	(²) Governorate Area (km ²)	/
Palestinian Territory	1.07	64.7	0.20	11.8	0.44	26.5	6,020	
West Bank	0.99	56.2	0.21	11.6	0.42	23.6	5,655	
Jenin	0.89	5.2	0.26	1.5	0.38	2.2	583	
Tubas	0.52	2.1	0.10	0.4	0.32	1.3	402	
Tulkarm	1.06	2.6	0.49	1.2	0.37	0.9	246	
Nablus	1.02	6.2	0.03	0.2	0.61	3.7	605	
Qalqiliya	0.84	1.4	0.48	0.8	0.72	1.2	166	
Salfit	0.78	1.6	0.29	0.6	0.00	0.0	204	
Ramallah & Al-Bireh	0.85	7.3	0.27	2.3	0.29	2.5	855	
Jericho	1.18	7.0	0.03	0.2	0.91	5.4	593	
Jerusalem	1.30	4.5	0.23	0.8	0.55	1.9	345	
Bethlehem	1.37	9.0	0.08	0.5	0.33	2.2	659	
Hebron	0.93	9.3	0.31	3.1	0.23	2.3	997	
Gaza Strip	2.33	8.5	0.05	0.2	0.79	2.9	365	
North Gaza	2.95	1.8	0.16	0.1	0.66	0.4	61	
Gaza	2.57	1.9	1.08	0.8	74	
Deir Al-Balah	2.41	1.4	0.86	0.5	58	
Khan Yunis	2.31	2.5	0.04	0.0	0.56	0.6	108	
Rafah	1.41	0.9	0.16	0.1	0.94	0.6	64	

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Table 10: Area of Governorate, Number of Israeli Settlements, Area and Percent Area of Built-up Land in Israeli Occupation Sites in the Palestinian Territory by Region\Governorate, 2002 - 2003

Region/Governorate	%		(²)		2003 Number of Israeli Settlements 2003	(²) Governorate Area (km²)	/
	% Area of Built-up Land in Israeli Settlements (km²)		Area of Built-up Land in Israeli Settlements (km²)				
	2003 Mid Year 2003	2002	2003 Mid Year 2003	2002			
West Bank	..	2.8	..	167.2	172	5,655	
Jenin	..	0.6	..	3.5	8	583	
Tubas	..	1.8	..	7.4	7	402	
Tulkarm	..	1.1	..	2.6	3	246	
Nablus	..	2.2	..	13.3	12	605	
Qalqiliya	..	5.8	..	9.6	7	166	
Salfit	..	9.1	..	18.6	12	204	
Ramallah & Al- Bireh	..	2.9	..	25.1	25	855	
Jericho	..	3.7	..	22.0	17	593	
Jerusalem	..	12.4	..	42.8	32	345	
Bethlehem	..	1.8	..	11.7	13	659	
Hebron	..	1.1	..	10.7	19	997	
Gaza Strip	7.6	..	27.7	..	17	365	
North Gaza	5.1	..	3.1	..	3	61	
Gaza	2.2	..	1.6	..	1	74	
Deir Al-Balah	0.9	..	0.5	..	1	58	
Khan Yunis	15.4	..	16.6	..	8	108	
Rafah	9.4	..	6.0	..	4	64	

Source: Palestinian Central Bureau of Statistics, 2004.
Israeli Settlements in the Palestinian Territory, Annual
Statistical Report 2003. Ramallah - Palestine

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2003-2000

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Table 11: Change in Area of Agricultural Land Region\Governorate and Type of Irrigation, 2000- 2003

Region\Governorate	Year and Type of Irrigation										/
	2003		2002		2001		2000		(*1998) Base Year (1998*)		
	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	
Palestinian Territory	-4.2	-13.9	4.7	7.0	4.6	-14.2	4.1	6.1	157.5	1347.1	
West Bank	0.0	7.8	-2.1	26.7	0.4	0.3	-1.9	25.1	69.5	1295.5	
Jenin	1.9	-12.4	1.4	-2.9	3.0	-6.4	0.1	-1.4	7.8	283.5	
Tubas	2.1	11.7	1.4	8.8	1.3	6.6	2.7	2.4	8.9	34.9	
Tulkarm	-2.0	5.8	-1.2	5.1	0.5	4.5	-0.2	4.5	11.3	130.2	
Nablus	-0.2	-26.2	-0.4	-22.6	-0.1	-22.6	0.7	-12.1	6.0	241.6	
Qalqiliya	-4.9	-1.7	-3.3	2.8	-3.5	3.2	-3.6	13.3	10.7	55.7	
Salfit	0.3	1.6	0.3	2.4	0.3	2.0	0.0	3.4	0.1	80.2	
Ramallah & Al- Bireh	0.3	2.1	0.3	1.7	0.2	-7.5	0.1	-8.0	0.3	181.6	
Jericho	0.5	0.0	-2.2	0.0	-3.9	2.3	-1.9	2.4	23.0	0.0	
Jerusalem	0.1	4.5	0.0	4.0	0.0	4.1	0.0	5.7	0.0	13.5	
Bethlehem	0.6	5.5	0.7	10.1	1.0	8.0	0.2	11.5	0.8	46.0	
Hebron	1.3	16.9	0.9	17.3	1.6	6.1	0.0	3.4	0.6	228.3	
Gaza Strip	-4.2	-21.7	6.8	-19.7	4.2	-14.5	6.0	-19.0	88.0	51.6	
North Gaza	-14	-1.0	-6.8	-0.7	-5.9	0.1	-8.7	0.1	27.1	1.9	
Gaza	0.7	-8.9	1.9	-7.8	1.9	-7.5	7.9	-8.2	17.3	13.3	
Deir Al- Balah	-5.5	-1.4	-3.7	-1.8	-4.6	-1.9	-0.9	-1.1	18.3	6.9	
Khan Yunis	6.3	-6.1	7.1	-5.0	4.2	-2.5	0.9	-5.5	17.0	20.8	
Rafah	8.3	-4.3	8.3	-4.4	8.6	-2.7	6.8	-4.3	8.3	8.7	

* Jerusalem Governorate data doesn't include the parts of Jerusalem, which were annexed by Israel in 1967. .1967

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Area: km²

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2003 -2000

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Table 12: Change in Area of Agricultural Land by Year, and Region\Governorate, 2000- 2003

Region\Governorate	Year and Type of Agricultural Cover										/
	2003		2002		2001		2000		(*1998) Base Year (1998*)		
	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	
Palestinian Territory	-27.9	9.8	-21.3	33.0	-35.7	26.1	-34.1	44.3	356.3	1,148.3	
West Bank	-24.3	32.1	-17.2	41.8	-34.9	35.6	-29.8	53.0	301.5	1,063.5	
Jenin	-6.7	-3.8	-2.4	0.9	-8.6	5.2	-4.5	3.2	76.1	215.2	
Tubas	8.6	5.2	6.1	4.1	3.8	4.1	2.1	3.0	31.8	12.0	
Tulkarm	-1.1	4.9	-0.7	4.6	-1.0	6.0	-1.7	6.0	12.1	129.4	
Nablus	-19.1	-7.3	-16.8	-6.2	-17.8	-4.9	-11.6	0.2	37.0	210.6	
Qalqiliya	-4.0	-2.6	-3.1	2.6	-3.0	2.7	-1.1	10.8	7.9	58.5	
Salfit	-2.4	4.3	-1.1	3.8	-1.3	3.6	0.4	3.0	3.9	76.4	
Ramallah & Al- Bireh	0.5	1.9	-0.5	2.5	-4.8	-2.5	-5.7	-2.2	22.2	159.7	
Jericho	4.0	-3.5	2.4	-4.6	2.2	-3.8	4.0	-3.5	13.8	9.2	
Jerusalem	0.0	4.6	-0.1	4.1	-0.1	4.2	0.7	5.0	2.1	11.4	
Bethlehem	-1.5	7.6	0.2	10.6	-1.5	10.5	1.1	10.6	10.3	36.5	
Hebron	-2.6	20.8	-1.2	19.4	-2.8	10.5	-13.5	16.9	84.3	144.6	
Gaza Strip	-3.6	-22.3	-4.1	-8.8	-0.8	-9.5	-4.3	-8.7	54.8	84.8	
North Gaza	-3.9	-11.1	-4.6	-2.9	-3.5	-2.3	-3.1	-5.5	9.3	19.7	
Gaza	-3.4	-4.8	-2.5	-3.4	-2.2	-3.4	-1.8	1.5	7.1	23.5	
Deir Al- Balah	-0.8	-6.1	-0.9	-4.6	-0.9	-5.6	0.7	-2.7	7.0	18.2	
Khan Yunis	-1.8	2.0	-2.4	4.5	-2.5	4.2	-5.3	0.7	24.1	13.7	
Rafah	6.3	-2.3	6.3	-2.4	8.3	-2.4	5.2	-2.7	7.3	9.7	

* Jerusalem Governorate data doesn't include the parts of Jerusalem, which were annexed by Israel in 1967. .1967

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Area: km²

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Table 13: Number and Area of Natural Reserves* in the Palestinian Territory by Region\Governorate, 2003

Region\Governorate	(²) Area of Natural Reserves (km ²)	Number of Natural Reserves	/
Palestinian Territory	55.4	20	
West Bank	54.4	19	
Jenin	8.0	5	
Tubas	4.3	1	
Tulkarm	0.0	2	
Nablus	9.6	3	
Qalqiliya	-	-	
Salfit	2.7	2	
Ramallah & Al- Bireh	1.2	5	
Jericho	-	-	
Jerusalem	-	-	
Bethlehem	-	-	
Hebron	28.6	1	
Gaza Strip	1	1	

*Only reserves controlled by the Palestinian National Authority.

*



**Palestinian National Authority
Palestinian Central Bureau of Statistics**

**Tables of Land Use in the Palestinian Territory
2003**

November, 2004

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Chapter One

Introduction

Introduction

Land use statistics are part of the most important statistical fields in the world. They gained an international concern because of their importance in planning policies, natural resources management, and law enacting to organize the use of land.

There is an increasing and urgent need for land use statistics in the Palestinian Territory especially after the long period of Israeli occupation. PCBS has established a land use statistics program to collect and disseminate land use statistics to be used in research and policy planning.

This report is a result of PCBS efforts to establish a comprehensive database on land use in the Palestinian Territory. It is the third report in a series of reports on land use statistics in the Palestinian Territory. Data were collected from the administrative records of different sources and tabulated to suit the objectives of the report.

Moreover, the main objective of this report is to present data about some of the most important land use indicators, which include:

1. Area of agricultural land.
2. Area of forests and wooded land.
3. Population density.
4. Yield of agricultural production.
5. Value of agricultural production.
6. Value Added of agricultural production
7. Number and area of natural reserves.
8. Length and area of roads.
9. Number of Israeli settlements.
10. Area of built-up land in Israeli settlements.

Chapter Two

Concepts and Definitions

Agricultural Land:	This refers to the major classes of land use on agricultural holdings. For classification the "gross area" is surveyed for each class. Agricultural land includes land under scattered farm buildings, yards and their annexes, permanently uncultivated land, such as uncultivated patches, banks footpaths, ditches, headlands and shoulders (ECE 1986).
Rain-fed Agricultural Land:	It refers to agricultural land, which depends only on rain for irrigation.
Irrigated Agricultural Land:	Land normally provided with water other than rain for improving of production.
Land Under Permanent Crops:	This signifies land used for crops occupying it for long periods of time and which do not have to be planted for several years after each harvest. Land under trees and shrubs producing flowers, such as roses and jasmine is so classified, as are nurseries (except those for forest trees, which should be classified under forest and other wooded land). Permanent meadows and pastures are excluded.
Land Under Temporary Crops:	This includes all land used for crops of less than one-year growing cycle, which must be newly sown or planted for further production after the harvest.
Value of Agricultural Production	Is the market value of agricultural products assuming farm gate prices. These products do include also the intermediate products like green forages, straw, manure, and cereals for feed and feed mixes.
Value Added of Agricultural Production	Is the difference between agriculture income and paid value of agriculture inputs. Land lease, interest on invested capital and labor inputs are excluded from agriculture inputs in the calculation of value added.
Agricultural Production:	These products include intermediate products like green forages, straw, manure, cereals for feed and feed mixes.
Agricultural Yield:	Is the estimated production in kilogram per unit area (dunum or 1000 m ²) during the whole growing season for that agriculture crop.
Forests and other Wooded Land:	This means land used permanently (i.e. for five years and more) for forests. Permanent meadows and pastures on which trees and shrubs are grown should be recorded under this heading only if the growing of trees and shrubs is the most important use of the area.
Natural Reserves:	Area of land, coastal or internal water. Characterized by the presence of wild animals and plants. or natural phenomena with cultural, scientific, touristic or fineness worth, Which is delineated and isolated for purposes of protection from effects of external

factors and threats.

- Main Road:** Serve for national or inter district traffic.
- Regional Road:** Branching off from, or lining main road.
- Access Road:** Leading from a main or regional road to a certain point within a locality.
- Agricultural Road:** Usually unpaved road, and used for agricultural purposes, e.g. facilitating land reclamation and connecting villages with each other.
- Built-up Land:** Land under houses, roads, mines and quarries and any other facilities, including their auxiliary spaces, deliberately installed for the pursuit of human activities. Included are also certain types of open land (non-built-up land), which are closely related to those activities, such as waste tips, derelict land in built-up area, junkyards, city parks and gardens, etc. Land occupied by scattered farm buildings, yards and their annexes is excluded. Land under closed villages or similar rural localities are included.
- Built-up Land in Israeli Settlements:** It refers to all human activity area within the settlement including built-up area, service facilities, public gardens and parks, open squares and roads. It excludes the land that is planned for construction according to the master plan of the settlement or confiscated land to be annexed later to the settlement.
- A set of special symbols was used in the tables of this report :**
- (-): Nil
 - (.): Data not available
 - (0): Value is less than 0.5

Chapter Three

Methodology

Data Collection and Processing:

The data of the report were collected from the available administrative records in the Palestinian institutions and from the surveys and census conducted by PCBS.

Ministry of Agriculture:

Area of agriculture land (permanent and temporary, irrigated or rain-fed land) were collected by Ministry of Agriculture through an annual questionnaire covered the entire localities of the Palestinian Territory as divided in accordance with the Administrative Division of 1997.

Area of temporary agricultural land represent the half area of land cultivated by field crops and vegetables. Because the data collected by the Ministry of Agriculture represent the cultivated area whether it is cultivated for once a year or more. However, temporary crops (field crops, vegetables) have at least two-crop cycles per year.

The area of permanent agricultural land is the area planted with fruit trees. Area of forests and wooded land is in the records of the Ministry of Agriculture. However, the Ministry of Agriculture has recently updated these data by excluding those parts of forests that used by the Israeli occupation as settlements or as military bases. Also, data related to the natural reserves was obtained from the available records in the Ministry of Agriculture and Environment Quality Authority.

Population, Housing and Establishment Census:

Population figures were taken from the final results of the Population, Housing and Establishment Census conducted by PCBS in 1997, in which number of population was estimated at mid of years.

Land Research Center:

Area of the different types of roads is calculated by multiplying the length of the road by its width, in which considered to equal the standards approved for the roads.

The approved system classifies roads by their width as follow: main road 50 m, regional 30 m, and access road 20 m.

Chapter Four

Data Quality

Data Collection

During this stage, data were collected through visits to public and private institutions to gather the required statistics from their administrative records. The difficulties which faced the field work team during data collection were due to: unavailability of the data in the required form, different administrative distributions of Governorates and land use classification system, in addition to some difficulty in collecting detailed data on the required level, which delayed the work in some cases.

Technical Notes

This paragraph presents the most important notes on the indicators in terms of comprehensiveness and accuracy.

- This report does not cover all land use indicators due to a lack of data. PCBS tries to make data on all land use statistics indicators available, such as industrial land area, commercial land area, and area of historical sites ...etc.
- Data concerning the different types of agricultural land include only land cultivated with vegetables, fruit trees, and field crop. They exclude land under scattered farm buildings, yards and their annexes, permanently uncultivated land, such as uncultivated patches, banks footpaths, ditches, headlands and shoulders.
- Data concerning the area of different types of agricultural land were deduced from a questionnaire computed by the Ministry of Agriculture. This method considers the locality as a statistical unit while the Food and Agriculture Organization (FAO) recommends considering the agricultural holding as a statistical unit. Also data quality is affected by the large error, which requires use of data carefully.
- Data related to the natural reserves, represent only reserves controlled by the Palestinian National Authority (PNA).
- Data at the end of year, unless otherwise stated.
- Agricultural data representing the agricultural year which is The period covering first of October to the end of September of the next year (12 months).