

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
In.1	Index map	5
In.2 A.	Relief divisions	7
B.	Hills and Ghats	
C.	Foot Hills	
D.	Plains and Plateau	
In.3	Average annual rainfall	16
In.4	Annual rainfall variation	17
In.5 A.	Rainy season	18
B.	Post monsoon season	
C.	Cold season	
D.	Hot season	
In.6 A.	Rainfall variability	20
B.	Number of rainy days	
C.	Intensity of rainfall	
In.7	Solapur district soils	22
In.8 A.	Shallow soil	24
B.	Medium black soil	
C.	Deep black soil	
1.1	Relative co-efficient of over-population	38
1.2 A.	Farm worker	40
B.	Cultivator	
C.	Agriculture Labourers	
D.	Ratio of non-farm workers to farm workers	

List of figures conti...

<u>Figure</u>	<u>Title</u>	<u>Page</u>
2.1	Sources of irrigation	54
A.	Tanks and canal irrigation area (1976-78)	
B.	Changes in tanks and canals irrigation area (1951-53 to 1976-78).	
C.	Tubes and other wells irrigation (1976-78).	
D.	Changes in tubes and other wells irrigation area (1951-53 to 1976-78).	
2.2 A.	Net irrigated area (1976-78).	58
B.	Changes in net irrigated area (1951-53 to 1976-78).	
C.	Ploughs per 100 hectare of cultivated area (1951-53).	
D.	Ploughs per 100 hectare of cultivated area (1976-78).	
2.3 A.	Carts per 100 hectare of cultivated area (1951-53).	61
B.	Carts per 100 hectare of cultivated area (1976-78).	
C.	Oil engine (1978).	
D.	Changes in oil engine (1961-78).	
3.1	General landuse pattern (1976-78).	72
3.2	Distribution of forest area.	74

conti...

List of figures conti...

<u>Figure</u>	<u>Title</u>	<u>Page</u>
3.3	A. Forest area (1976-78).	76
	B. Changes in forest area (1951-53 to 1976-78).	
	C. Land not available for cultivation (1976-78).	
	D. Changes in land not available for cultivation (1951-53 to 1976-78).	
3.4	A. Other uncultivated land (excluding fallow) (1976-78).	80
	B. Changes in other uncultivated land (excluding fallow (1951-53 to 1976-78)).	
	C. Fallow land (1976-78).	
	D. Changes in fallow land (1951-53 to 1976-78).	
3.5	A. Net sown area (1976-78)	83
	B. Changes in net sown area (1951-53 to 1976-78).	
4.1	A. Foodgrains cropping (1976-78)	94
	B. Changes in foodgrains cropping (1951-53 to 1976-78).	
4.2	A. Cereals cropping (1976-78).	96
	B. Changes in cereals cropping (1951-53 to 1976-78).	
	C. Jowar cropping (1976-78).	
	D. Changes in jowar cropping (1951-53 to 1976-78).	

conti...

List of figures conti...

<u>Figure</u>	<u>Title</u>	<u>Page</u>
4.3 A.	Bajara cropping (1976-78).	99
B.	Changes in bajara cropping (1951-53 to 1976-78).	
C.	Wheat cropping (1976-78).	
D.	Changes in wheat cropping (1951-53 to 1976-78).	
4.4 A.	Pulses cropping (1976-78).	102
B.	Changes in pulses cropping (1951-53 to 1976-78).	
C.	Gram cropping (1976-78).	
D.	Changes in gram cropping (1951-53 to 1976-78).	
E.	Tur cropping (1976-78).	
F.	Changes in tur cropping (1951-53 to 1976-78).	
4.5 A.	Sugarcane cropping (1976-78).	107
B.	Changes in sugarcane cropping (1951-53 to 1976-78).	
C.	Oil seeds cropping (1976-78).	
D.	Changes in oilseeds cropping (1951-53 to 1976-78).	
E.	Groundnut cropping (1976-78).	
F.	Changes in groundnut cropping (1951-53 to 1976-78).	
4.6	Crop ranking	112
A.	First ranking (1951-53).	
B.	First ranking (1976-78).	

conti...

List of figure conti...

<u>Figure</u>	<u>Title</u>	<u>Page</u>
4.6 C.	Second ranking (1951-53).	
D.	Second ranking (1976-78).	
E.	Third ranking (1951-53).	
F.	Third ranking (1976-78).	
4.7 A.	Crop combination regions (Weaver's Method) (1951-53 average).	115
B.	Crop combination regions (Weaver's Method) (1976-78 average).	
C.	Crop combination regions (Raffullah's Method) (1951-53 average).	
D.	Crop combination regions (Raffullah's Method) (1976-78).	
4.8 A.	Crop diversification (Bhatia's Method) (1951-53).	119
B.	Crop diversification (Bhatia's Method) (1976-78).	
C.	Crop concentration (1951-53).	
D.	Crop concentration (1976-78).	
5.1 A.	Yield level of jowar.	129
B.	Yield level of bajara.	
C.	Yield level of wheat.	
D.	Yield level of tur.	
E.	Yield level of gram.	
F.	Yield level of groundnut.	
5.2	Yield per hectare and out turn of principal crops.	131
A.	Jawar	D. Tur
B.	Bajara	E. Gram
C.	Wheat	F. Groundnut

List of figure conti...

<u>Figure</u>	<u>Title</u>	<u>Page</u>
5.3 A.	Agricultural productivity by Kendal's Method	137
B.	Yield Index Method.	
C.	Agricultural productivity by Bhatia's Method.	
5.4 A.	Market centres in Solapur District.	142
B.	Supply of Turdal and Jowar.	
6.1 A.	Cattles (1976-78).	155
B.	Volume of change in cattles (1951-53 to 1976-78).	
C.	Buffaloes (1976-78).	
D.	Volume of change in Buffaloes (1951-53 to 1976-78).	
6.2 A.	Sheep (1976-78).	157
B.	Volume of change in sheep (1951-53 to 1976-78).	
C.	Goats (1976-78).	
D.	Volume of change in Goats (1951-53 to 1976-78).	
6.3 A.	Livestock combinations (after Weaver's method) (1951-53).	160
B.	Livestock combinations (after Weaver's method) (1976-78).	
7.1 A.	Annual rainfall fluctuation of Solapur (1901-1977).	174
B.	Water availability periods.	
7.2	Chronic drought prone area in Solapur District.	177
