

## Taluka-wise Vaccination Rate of FMD (Foot and Mouth Disease) per Ruminant

Province	Districts	Talukas	A rate of FMD (Foot and Mouth Disease) vaccinated livestock ruminants to total livestock ruminants in each Taluka
Sindh	Larkana	Dokri	0
Sindh	Larkana	Ratodero	0
Sindh	Larkana	Larkana	0.649
Sindh	Matiari	Saedabad	0.424
Sindh	Matiari	Matiari	0
Sindh	Matiari	Hala	0
Sindh	Mirpurkhas	Hussain Bux Mari	0
Sindh	Mirpurkhas	Digri	0
Sindh	Mirpurkhas	Mirpurkhas	1.104
Sindh	Mirpurkhas	Sindhri	0
Sindh	Mirpurkhas	Kot Ghulam Muhammad	2.125
Sindh	Mirpurkhas	Jhuddo	0.484
Sindh	Naushero Feroze	Bhiria (City)	0
Sindh	Naushero Feroze	Mehrabpur	0
Sindh	Naushero Feroze	Moro	0
Sindh	Naushero Feroze	N.Feroze	1.236
Sindh	Naushero Feroze	Kandiaro	0.554
Sindh	Sanghar	Tando Adam	2.423
Sindh	Sanghar	Jam Nawaz Ali	0.364
Sindh	Sanghar	Shahdadpur	0.669
Sindh	Sanghar	Sinjhero	0.256
Sindh	Sanghar	Sanghar	0.637
Sindh	Sanghar	Khipro	1.018
Sindh	Shaheed Benazirabad (Nawabshah)	Daur	0
Sindh	Shaheed Benazirabad (Nawabshah)	Nawabshah	0
Sindh	Shaheed Benazirabad (Nawabshah)	Kazi Ahmed	0
Sindh	Shaheed Benazirabad (Nawabshah)	Sakrand	1.721
Sindh	Shikarpur	Shikarpur	0.982
Sindh	Shikarpur	Garhi Yasin	0.072
Sindh	Shikarpur	Lakhi	0.549

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Province	Districts	Talukas	A rate of FMD (Foot and Mouth Disease) vaccinated livestock ruminants to total livestock ruminants in each Taluka
Sindh	Shikarpur	Khanpur	0.032
Sindh	Sukkur	Pano Akil	0.383
Sindh	Sukkur	Sukkur	0
Sindh	Sukkur	Saleh Pat	0.481
Sindh	Sukkur	Rohri	0.098
Sindh	Sukkur	New Sukkur	0
Sindh	Tando Allahyar	Chamber	0.563
Sindh	Tando Allahyar	Jhando Mari	0
Sindh	Tando Allahyar	Tando Allahyar	0
Sindh	Tando Muhammad Khan	Tando Ghulam Hyder	0
Sindh	Tando Muhammad Khan	Tando M Khan	0
Sindh	Tando Muhammad Khan	Bulri Shah Karim	0
Sindh	Tharparkar	Chachro	2.857
Sindh	Tharparkar	Mithi	0
Sindh	Tharparkar	Nagarparkar	956.181
Sindh	Tharparkar	Diplo	0
Sindh	Thatta	M.P.Bathoro	6.186
Sindh	Thatta	Thatta	0
Sindh	Thatta	Sujawal	0
Sindh	Thatta	Jati	6.369
Sindh	Thatta	Kharo Chan	0
Sindh	Thatta	Keti Bunder	495.722
Sindh	Thatta	Ghorabari	0
Sindh	Thatta	Shah Bunder	533.684
Sindh	Thatta	M.P.Sakro	7.273
Sindh	Umerkot	Pithoro	0
Sindh	Umerkot	Samaro	8.581
Sindh	Umerkot	Umerkot	0.301
Sindh	Umerkot	Kunri	7.443

**Source:** Government of Pakistan. (2006) *Pakistan Livestock Census 2006 - Sindh Province*, Agricultural Census Organization, Statistics Division, Islamabad; and Department of Livestock & Fisheries, Government of Sindh

## Taluka-wise Vaccination Rate of HS (Hemorrhagic Septicemia) per Large Ruminant

Province	Districts	Talukas	A rate of HS (Hemorrhagic Septicemia) vaccinated livestock ruminants to total large livestock ruminants in each Taluka
Sindh	Badin	Talhar	7.611
Sindh	Badin	Tando Bago	35.552
Sindh	Badin	Matli	52.538
Sindh	Badin	Badin	39.761
Sindh	Badin	S.F.Rahoo	5.312
Sindh	Dadu	Dadu	9.169
Sindh	Dadu	Mehar	18.353
Sindh	Dadu	K.N.Shah	28.479
Sindh	Dadu	Johi	21.256
Sindh	Ghotki	Khangarh	24.977
Sindh	Ghotki	Daharki	10.543
Sindh	Ghotki	Mirpur Mathelo	29.5
Sindh	Ghotki	Ghotki	50.334
Sindh	Ghotki	Ubauro	6.098
Sindh	Hyderabad	Hyderabad (City)	9.435
Sindh	Hyderabad	Qasimabad	1.471
Sindh	Hyderabad	Hyderabad (Rural)	6.260
Sindh	Hyderabad	Latifabad	8.427
Sindh	Jacobabad	Jacobabad	21.585
Sindh	Jacobabad	Garhi Khairo	27.163
Sindh	Jacobabad	Thull	25.891
Sindh	Jamshoro	Kotri	32.149
Sindh	Jamshoro	Sehwan	15.989
Sindh	Jamshoro	Manjhad	4.453
Sindh	Jamshoro	Thana Bulla Khan	14.754
Sindh	Kamber Shadadkot	Shahdadt	14.260
Sindh	Kamber Shadadkot	Miro Khan	8.558
Sindh	Kamber Shadadkot	Nasirabad	27.731
Sindh	Kamber Shadadkot	Warah	18.348
Sindh	Kamber Shadadkot	Sijawal	17
Sindh	Kamber Shadadkot	Qubo Saeed Khan	46

## Taluka-wise Vaccination Rate of HS (Hemorrhagic Septicemia) per Large Ruminant

Province	Districts	Talukas	A rate of HS (Hemorrhagic Septicemia) vaccinated livestock ruminants to total large livestock ruminants in each Taluka
Sindh	Kamber Shadadkot	Kamber	28.347
Sindh	Karachi	Keemari	30.906
Sindh	Karachi	Landhi	25.211
Sindh	Karachi	Korangi	11.276
Sindh	Karachi	Jamsheed Qtr.	20.773
Sindh	Karachi	Gulshan-e-Iqbal	2.413
Sindh	Karachi	Gulberg	14.594
Sindh	Karachi	New Karachi	19.223
Sindh	Karachi	North Nazimabad	17.445
Sindh	Karachi	Orangi	1.129
Sindh	Karachi	Baldia	11.121
Sindh	Karachi	Liaquatabad	26.011
Sindh	Karachi	Site	21.669
Sindh	Karachi	Lyari	7.551
Sindh	Karachi	Saddar	13.804
Sindh	Karachi	Malir	18.733
Sindh	Karachi	Shah Faisal Colony	6.195
Sindh	Karachi	Bin Qasim	13.352
Sindh	Karachi	Gaddap	18.584
Sindh	Kashmore	Kandhkot	18.854
Sindh	Kashmore	Tangwani	22.278
Sindh	Kashmore	Kashmore	9.458
Sindh	Khairpur	Faizganj	14.152
Sindh	Khairpur	Nara	12.578
Sindh	Khairpur	Thari Mirwah	22.205
Sindh	Khairpur	Kotdiji	20.177
Sindh	Khairpur	Khairpur	0
Sindh	Khairpur	Sobhodero	1.645
Sindh	Khairpur	Kingri	0
Sindh	Khairpur	Gambat	12.797
Sindh	Larkana	Bakrani	4.780
Sindh	Larkana	Dokri	5.059

## Taluka-wise Vaccination Rate of HS (Hemorrhagic Septicemia) per Large Ruminant

Province	Districts	Talukas	A rate of HS (Hemorrhagic Septicemia) vaccinated livestock ruminants to total large livestock ruminants in each Taluka
Sindh	Larkana	Ratodero	2.834
Sindh	Larkana	Larkana	11.463
Sindh	Matiari	Saedabad	8.405
Sindh	Matiari	Matiari	2.304
Sindh	Matiari	Hala	0
Sindh	Mirpurkhas	Hussain Bux Mari	6.855
Sindh	Mirpurkhas	Digri	8.115
Sindh	Mirpurkhas	Mirpurkhas	72.052
Sindh	Mirpurkhas	Sindhri	11.243
Sindh	Mirpurkhas	Kot Ghulam Muhammad	21.149
Sindh	Mirpurkhas	Jhuddo	15.015
Sindh	Naushero Feroze	Bhiria (City)	14.522
Sindh	Naushero Feroze	Mehrabpur	11.068
Sindh	Naushero Feroze	Moro	10.449
Sindh	Naushero Feroze	N.Feroze	9.498
Sindh	Naushero Feroze	Kandiaro	30.761
Sindh	Sanghar	Tando Adam	51.303
Sindh	Sanghar	Jam Nawaz Ali	17.163
Sindh	Sanghar	Shahdadpur	41.970
Sindh	Sanghar	Sinjhero	12.112
Sindh	Sanghar	Sanghar	39.279
Sindh	Sanghar	Khipro	5.037
Sindh	Shaheed Benazirabad (Nawabshah)	Daur	53.851
Sindh	Shaheed Benazirabad (Nawabshah)	Nawabshah	8.995
Sindh	Shaheed Benazirabad (Nawabshah)	Kazi Ahmed	11.649
Sindh	Shaheed Benazirabad (Nawabshah)	Sakrand	44.891
Sindh	Shikarpur	Shikarpur	25.751
Sindh	Shikarpur	Garhi Yasin	12.051
Sindh	Shikarpur	Lakhi	25.997

## Taluka-wise Vaccination Rate of HS (Hemorrhagic Septicemia) per Large Ruminant

Province	Districts	Talukas	A rate of HS (Hemorrhagic Septicemia) vaccinated livestock ruminants to total large livestock ruminants in each Taluka
Sindh	Shikarpur	Khanpur	14.800
Sindh	Sukkur	Pano Akil	9.645
Sindh	Sukkur	Sukkur	0
Sindh	Sukkur	Saleh Pat	4.649
Sindh	Sukkur	Rohri	5.065
Sindh	Sukkur	New Sukkur	10.923
Sindh	Tando Allahyar	Chamber	33.368
Sindh	Tando Allahyar	Jhando Mari	8.135
Sindh	Tando Allahyar	Tando Allahyar	3.225
Sindh	Tando Muhammad Khan	Tando Ghulam Hyder	13.567
Sindh	Tando Muhammad Khan	Tando M Khan	0
Sindh	Tando Muhammad Khan	Bulri Shah Karim	0
Sindh	Tharparkar	Chachro	11.105
Sindh	Tharparkar	Mithi	0
Sindh	Tharparkar	Nagarparkar	852.684
Sindh	Tharparkar	Diplo	0
Sindh	Thatta	M.P.Bathoro	26.085
Sindh	Thatta	Thatta	0.000
Sindh	Thatta	Sujawal	0
Sindh	Thatta	Jati	22.400
Sindh	Thatta	Kharo Chan	0
Sindh	Thatta	Keti Bunder	2417.011
Sindh	Thatta	Ghorabari	0
Sindh	Thatta	Shah Bunder	2277.647
Sindh	Thatta	M.P.Sakro	14.078
Sindh	Umerkot	Pithoro	0
Sindh	Umerkot	Samaro	17.444
Sindh	Umerkot	Umerkot	10.900
Sindh	Umerkot	Kunri	9.871

**Source:** Government of Pakistan. (2006) *Pakistan Livestock Census 2006 - Sindh Province*, Agricultural Census Organization, Statistics Division, Islamabad; and Department of Livestock & Fisheries, Government of Sindh



## Taluka-wise Vaccination Rate of PPRV (Peste des Petites Ruminant Virus) per Small Ruminant

Province	Districts	Talukas	A rate of PPRV (Peste des Petites Ruminant Virus) vaccinated livestock ruminants to total small livestock ruminants in each Taluka
Sindh	Badin	Talhar	0
Sindh	Badin	Tando Bago	1.042
Sindh	Badin	Matli	0
Sindh	Badin	Badin	0
Sindh	Badin	S.F.Rahoo	0
Sindh	Dadu	Dadu	0
Sindh	Dadu	Mehar	10.286
Sindh	Dadu	K.N.Shah	6.523
Sindh	Dadu	Johi	9.218
Sindh	Ghotki	Khangarh	5.938
Sindh	Ghotki	Daharki	0
Sindh	Ghotki	Mirpur Mathelo	0
Sindh	Ghotki	Ghotki	0
Sindh	Ghotki	Ubauro	0
Sindh	Hyderabad	Hyderabad (City)	1.162
Sindh	Hyderabad	Qasimabad	0.311
Sindh	Hyderabad	Hyderabad (Rural)	0
Sindh	Hyderabad	Latifabad	0
Sindh	Jacobabad	Jacobabad	1.070
Sindh	Jacobabad	Garhi Khairo	0.400
Sindh	Jacobabad	Thull	1.864
Sindh	Jamshoro	Kotri	2.450
Sindh	Jamshoro	Sehwan	2.295
Sindh	Jamshoro	Manjhad	2.002
Sindh	Jamshoro	Thana Bulla Khan	2.154
Sindh	Kamber Shadadkot	Shahdadtal	1.019
Sindh	Kamber Shadadkot	Miro Khan	2.412
Sindh	Kamber Shadadkot	Nasirabad	2.755
Sindh	Kamber Shadadkot	Warah	0
Sindh	Kamber Shadadkot	Sijawal	7
Sindh	Kamber Shadadkot	Qubo Saeed Khan	0

## Taluka-wise Vaccination Rate of PPRV (Peste des Petites Ruminant Virus) per Small Ruminant

Province	Districts	Talukas	A rate of PPRV (Peste des Petites Ruminant Virus) vaccinated livestock ruminants to total small livestock ruminants in each Taluka
Sindh	Kamber Shadadkot	Kamber	8.771
Sindh	Karachi	Keemari	0
Sindh	Karachi	Landhi	12.079
Sindh	Karachi	Korangi	41.874
Sindh	Karachi	Jamsheed Qtr.	18.625
Sindh	Karachi	Gulshan-e-Iqbal	4.143
Sindh	Karachi	Gulberg	0.390
Sindh	Karachi	New Karachi	3.256
Sindh	Karachi	North Nazimabad	0.855
Sindh	Karachi	Orangi	1.120
Sindh	Karachi	Baldia	2.057
Sindh	Karachi	Liaquatabad	4.463
Sindh	Karachi	Site	2.355
Sindh	Karachi	Lyari	0
Sindh	Karachi	Saddar	0.030
Sindh	Karachi	Malir	4.214
Sindh	Karachi	Shah Faisal Colony	0
Sindh	Karachi	Bin Qasim	0.282
Sindh	Karachi	Gaddap	2.938
Sindh	Kashmore	Kandhkot	0
Sindh	Kashmore	Tangwani	9.191
Sindh	Kashmore	Kashmore	0.049
Sindh	Khairpur	Faizganj	0
Sindh	Khairpur	Nara	0
Sindh	Khairpur	Thari Mirwah	0
Sindh	Khairpur	Kotdiji	3.156
Sindh	Khairpur	Khairpur	0
Sindh	Khairpur	Sobhodero	0.159
Sindh	Khairpur	Kingri	0
Sindh	Khairpur	Gambat	0
Sindh	Larkana	Bakrani	0
Sindh	Larkana	Dokri	0



## Taluka-wise Vaccination Rate of PPRV (Peste des Petites Ruminant Virus) per Small Ruminant

Province	Districts	Talukas	A rate of PPRV (Peste des Petites Ruminant Virus) vaccinated livestock ruminants to total small livestock ruminants in each Taluka
Sindh	Larkana	Ratodero	0
Sindh	Larkana	Larkana	5.167
Sindh	Matiari	Saedabad	0.054
Sindh	Matiari	Matiari	0
Sindh	Matiari	Hala	0
Sindh	Mirpurkhas	Hussain Bux Mari	0
Sindh	Mirpurkhas	Digri	0
Sindh	Mirpurkhas	Mirpurkhas	0
Sindh	Mirpurkhas	Sindhri	0
Sindh	Mirpurkhas	Kot Ghulam Muhammad	17.451
Sindh	Mirpurkhas	Jhuddo	11.997
Sindh	Naushero Feroze	Bhiria (City)	4.305
Sindh	Naushero Feroze	Mehrabpur	2.784
Sindh	Naushero Feroze	Moro	1.209
Sindh	Naushero Feroze	N.Feroze	7.680
Sindh	Naushero Feroze	Kandiaro	7.206
Sindh	Sanghar	Tando Adam	6.636
Sindh	Sanghar	Jam Nawaz Ali	0.890
Sindh	Sanghar	Shahdadpur	6.127
Sindh	Sanghar	Sinjhero	7.823
Sindh	Sanghar	Sanghar	0
Sindh	Sanghar	Khipro	2.544
Sindh	Shaheed Benazirabad (Nawabshah)	Daur	9.608
Sindh	Shaheed Benazirabad (Nawabshah)	Nawabshah	55.276
Sindh	Shaheed Benazirabad (Nawabshah)	Kazi Ahmed	0
Sindh	Shaheed Benazirabad (Nawabshah)	Sakrand	0
Sindh	Shikarpur	Shikarpur	2.779
Sindh	Shikarpur	Garhi Yasin	1.165
Sindh	Shikarpur	Lakhi	0.085

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Province	Districts	Talukas	A rate of PPRV (Peste des Petites Ruminant Virus) vaccinated livestock ruminants to total small livestock ruminants in each Taluka
Sindh	Shikarpur	Khanpur	5.795
Sindh	Sukkur	Pano Akil	7.791
Sindh	Sukkur	Sukkur	0
Sindh	Sukkur	Saleh Pat	0.312
Sindh	Sukkur	Rohri	8.737
Sindh	Sukkur	New Sukkur	0
Sindh	Tando Allahyar	Chamber	0
Sindh	Tando Allahyar	Jhando Mari	0
Sindh	Tando Allahyar	Tando Allahyar	0
Sindh	Tando Muhammad Khan	Tando Ghulam Hyder	1.859
Sindh	Tando Muhammad Khan	Tando M Khan	0
Sindh	Tando Muhammad Khan	Bulri Shah Karim	0
Sindh	Tharparkar	Chachro	0.156
Sindh	Tharparkar	Mithi	0
Sindh	Tharparkar	Nagarparkar	260.182
Sindh	Tharparkar	Diplo	0
Sindh	Thatta	M.P.Bathoro	0.567
Sindh	Thatta	Thatta	0
Sindh	Thatta	Sujawal	0
Sindh	Thatta	Jati	0.681
Sindh	Thatta	Kharo Chan	0
Sindh	Thatta	Keti Bunder	103.600
Sindh	Thatta	Ghorabari	0
Sindh	Thatta	Shah Bunder	156.000
Sindh	Thatta	M.P.Sakro	1.842
Sindh	Umerkot	Pithoro	0
Sindh	Umerkot	Samaro	0.171
Sindh	Umerkot	Umerkot	2.467
Sindh	Umerkot	Kunri	13.523

**Source:** Government of Pakistan. (2006) *Pakistan Livestock Census 2006 - Sindh Province*, Agricultural Census Organization, Statistics Division, Islamabad; and Department of Livestock & Fisheries, Government of Sindh

## Livestock Facilities Taluka Level

Location of Livestock Facilities and Density of Veterinary Center in each Taluka

Province	District	Taluka	Main Office	Hospital	Dispensary	AHEC	Vet. Center
Sindh	Badin	Badin	1	0	1	0	6
Sindh	Badin	Matli	0	0	2	0	6
Sindh	Badin	Gollarchi	0	0	1	0	3
Sindh	Badin	Talhar	0	1	1	0	4
Sindh	Badin	Tando Bago	0	0	2	0	1
Sindh	Dadu	Dadu	1	1	0	0	11
Sindh	Dadu	Johi	0	0	2	0	5
Sindh	Dadu	K.N.Shah	0	0	1	0	9
Sindh	Dadu	Mehar	0	1	0	0	13
Sindh	Ghotki	Daharki	0	0	0	1	3
Sindh	Ghotki	Ghotki	1	0	1	0	4
Sindh	Ghotki	Khangarh	0	0	0	0	3
Sindh	Ghotki	Mirpur Mathelo	0	1	0	0	5
Sindh	Ghotki	Ubauro	0	0	1	0	1
Sindh	Hyderabad	Hyderabad (City)	1	0	1	0	1
Sindh	Hyderabad	Hyderabad (Rural)	0	0	0	3	9
Sindh	Hyderabad	Latifabad	0	0	0	0	1
Sindh	Hyderabad	Qasimabad	0	0	0	0	2
Sindh	Jacobabad	Garhi Khairo	0	0	2	0	6
Sindh	Jacobabad	Jacobabad	1	1	1	0	4
Sindh	Jacobabad	Thull	0	0	1	0	10
Sindh	Jamshoro	Kotri	1	0	0	0	2
Sindh	Jamshoro	Manjhad	0	0	0	0	3
Sindh	Jamshoro	Sehwan	0	0	1	0	4
Sindh	Jamshoro	Thana Bulla Khan	0	0	1	0	3
Sindh	Kamber Shadadkot	Kamber	1	0	1	0	6
Sindh	Kamber Shadadkot	Miro Khan	0	0	1	0	3

## Livestock Facilities Taluka Level

Location of Livestock Facilities and Density of Veterinary Center in each Taluka

Province	District	Taluka	Main Office	Hospital	Dispensary	AHEC	Vet. Center
Sindh	Kamber Shadadkot	Nasirabad	0	0	0	0	4
Sindh	Kamber Shadadkot	Qubo Saeed Khan	0	0	0	0	0
Sindh	Kamber Shadadkot	Shahdadkot	0	0	2	0	2
Sindh	Kamber Shadadkot	Sijawal	0	0	0	0	0
Sindh	Kamber Shadadkot	Warah	0	0	1	0	7
Sindh	Karachi	Baldia	0	0	0	0	1
Sindh	Karachi	Bin Qasim	0	0	0	0	1
Sindh	Karachi	Gaddap	0	1	5	0	1
Sindh	Karachi	Gulberg	0	0	0	0	0
Sindh	Karachi	Gulshan-e-Iqbal	0	0	0	0	0
Sindh	Karachi	Jamsheed Qtr.	0	0	0	0	0
Sindh	Karachi	Keemari	0	1	0	0	0
Sindh	Karachi	Korangi	1	0	1	0	0
Sindh	Karachi	Landhi	0	1	0	0	0
Sindh	Karachi	Liaquatabad	0	0	0	0	0
Sindh	Karachi	Lyari	0	0	0	0	0
Sindh	Karachi	Malir	0	1	0	0	1
Sindh	Karachi	New Karachi	0	0	0	0	0
Sindh	Karachi	North Nazimabad	0	0	0	0	0
Sindh	Karachi	Orangi	0	0	0	0	0
Sindh	Karachi	Saddar	0	1	0	0	0
Sindh	Karachi	Shah Faisal Colony	0	0	0	0	0
Sindh	Karachi	Site	0	0	0	0	0
Sindh	Kashmore	Kandhkot	1	1	0	0	0
Sindh	Kashmore	Kashmore	0	0	3	0	2
Sindh	Kashmore	Tangwani	0	0	2	0	4
Sindh	Khairpur	Faizganj	0	0	3	0	14
Sindh	Khairpur	Gambat	0	0	4	0	4
Sindh	Khairpur	Khairpur	1	1	2	0	9
Sindh	Khairpur	Kingri	0	0	2	0	8

## Livestock Facilities Taluka Level

Location of Livestock Facilities and Density of Veterinary Center in each Taluka

Province	District	Taluka	Main Office	Hospital	Dispensary	AHEC	Vet. Center
Sindh	Khairpur	Kotdiji	0	0	3	0	10
Sindh	Khairpur	Nara	0	0	0	0	7
Sindh	Khairpur	Sobhodero	0	1	1	0	12
Sindh	Khairpur	Thari Mirwah	0	0	4	0	19
Sindh	Larkana	Bakrani	0	0	0	2	3
Sindh	Larkana	Dokri	0	0	1	1	5
Sindh	Larkana	Larkana	1	1	1	0	4
Sindh	Larkana	Ratodero	0	0	2	0	5
Sindh	Matiari	Hala	0	0	1	0	3
Sindh	Matiari	Matiari	1	0	0	6	1
Sindh	Matiari	Saedabad	0	0	1	1	13
Sindh	Mirpurkhas	Digri	0	0	2	0	3
Sindh	Mirpurkhas	Hussain Bux Mari	0	0	0	0	2
Sindh	Mirpurkhas	Jhuddo	0	0	1	0	3
Sindh	Mirpurkhas	Kot Ghulam Muhammad	0	0	1	0	5
Sindh	Mirpurkhas	Mirpurkhas	1	1	3	0	7
Sindh	Mirpurkhas	Sindhri	0	0	2	0	3
Sindh	Naushero Feroze	Bhiria (City)	0	0	0	1	10
Sindh	Naushero Feroze	Kandiaro	0	0	0	1	9
Sindh	Naushero Feroze	Mehrabpur	0	0	0	2	9
Sindh	Naushero Feroze	Moro	0	1	0	1	6
Sindh	Naushero Feroze	N.Feroze	0	1	0	2	8
Sindh	Sanghar	Jam Nawaz Ali	0	0	0	0	3
Sindh	Sanghar	Khipro	0	0	0	2	6
Sindh	Sanghar	Sanghar	1	0	3	0	11
Sindh	Sanghar	Shahdadpur	0	0	0	2	12
Sindh	Sanghar	Sinjhor	0	0	1	1	9
Sindh	Sanghar	Tando Adam	0	0	1	0	6
Sindh	Shaheed Benazirabad (Nawabshah)	Daur	0	0	0	1	15

## Livestock Facilities Taluka Level

Location of Livestock Facilities and Density of Veterinary Center in each Taluka

Province	District	Taluka	Main Office	Hospital	Dispensary	AHEC	Vet. Center
Sindh	Shaheed Benazirabad (Nawabshah)	Kazi Ahmed	0	1	0	0	14
Sindh	Shaheed Benazirabad (Nawabshah)	Nawabshah	1	1	0	0	7
Sindh	Shaheed Benazirabad (Nawabshah)	Sakrand	0	0	4	4	10
Sindh	Shikarpur	Garhi Yasin	0	0	1	1	9
Sindh	Shikarpur	Khanpur	0	1	0	1	2
Sindh	Shikarpur	Lakhi	0	0	0	2	8
Sindh	Shikarpur	Shikarpur	1	1	1	0	7
Sindh	Sukkur	New Sukkur	1	0	0	0	0
Sindh	Sukkur	Pano Akil	0	0	2	0	13
Sindh	Sukkur	Rohri	0	0	1	0	6
Sindh	Sukkur	Saleh Pat	0	0	0	0	2
Sindh	Sukkur	Sukkur	0	2	1	0	3
Sindh	Tando Allahyar	Chamber	0	0	2	1	2
Sindh	Tando Allahyar	Jhando Mari	0	0	0	1	3
Sindh	Tando Allahyar	Tando Allahyar	1	1	0	0	0
Sindh	Tando Muhammad Khan	Bulri Shah Karim	0	1	0	1	3
Sindh	Tando Muhammad Khan	Tando Ghulam Hyder	0	0	0	0	2
Sindh	Tando Muhammad Khan	Tando M Khan	1	0	1	1	1
Sindh	Tharparkar	Chachro	0	0	4	0	33
Sindh	Tharparkar	Diplo	0	0	2	0	12
Sindh	Tharparkar	Mithi	1	0	2	0	34
Sindh	Tharparkar	Nagarparkar	0	0	1	0	8
Sindh	Thatta	Ghorabari	0	0	1	0	0
Sindh	Thatta	Jati	0	0	0	0	0
Sindh	Thatta	Keti Bunder	0	0	1	0	0
Sindh	Thatta	Kharo Chhan	0	0	0	0	0
Sindh	Thatta	M.P.Bathoro	0	0	2	0	1



## Livestock Facilities Taluka Level

Location of Livestock Facilities and Density of Veterinary Center in each Taluka

Province	District	Taluka	Main Office	Hospital	Dispensary	AHEC	Vet. Center
Sindh	Thatta	M.P.Sakro	0	0	2	0	0
Sindh	Thatta	Shah Bunder	0	0	1	0	0
Sindh	Thatta	Sujawal	0	0	1	0	2
Sindh	Thatta	Thatta	1	1	2	0	2
Sindh	Umerkot	Kunri	0	0	1	0	4
Sindh	Umerkot	Pithoro	0	0	1	0	1
Sindh	Umerkot	Samaro	0	0	1	0	3
Sindh	Umerkot	Umerkot	1	0	1	2	16
Total			22	26	110	41	603

**Source:** Department of Livestock & Fisheries, Government of Sindh

## Livestick Facilities at Taluka Level GPS Coordinate

Institution	District	Taluka	Latitude	Longitude
Central Veterinary Diagnostic Laboratory	Hyderabad	Hyderabad (Rural)	25°25'13.26"N	68°31'55.89"E
Reserch & Training Institute	Tando Muhammad	Bulri Shah Karim	25° 2'21.09"N	68°28'17.16"E
Red Sindhi Cattle Breeding Center	Tando Muhammad	Bulri Shah Karim	25° 2'16.42"N	68°28'15.96"E
Development & Research Buffalo Institute	Sukkur	Rohri	0	0
Livestock Experimental Station Karachi	Karachi	Korangi	24°51'9.58"N	67° 9'35.82"E
Livestock Experimental Station Nabisar Road	Umerkot	Kunri	0	0
Kamori Goat Farm	Dadu	Dadu	0	0

<b>District-wise Area of Main Fodders in Sindh</b>						
<b>Province</b>	<b>District</b>	<b>Area of Bajra '000ha</b>	<b>Area of Berseem '000ha</b>	<b>Area of Jowar '000ha</b>	<b>Area of Lucerne '000ha</b>	<b>Area of Maize '000ha</b>
Sindh	Badin	1015	6833	621	1270	1205
Sindh	Dadu	60	4545	1991	795	70
Sindh	Ghotki	190	3699	3275	2749	60
Sindh	Hyderabad	1075	645	150	674	1615
Sindh	Jacobabad	131	577	1105	942	0
Sindh	Jamshoro	320	3214	1551	752	450
Sindh	Kamber Shadadkot	0	3581	1225	4991	0
Sindh	Karachi	9	290	691	350	410
Sindh	Kashmore	99	610	891	1351	0
Sindh	Khairpur	150	4594	22981	9531	125
Sindh	Larkana	0	3149	1470	6110	0
Sindh	Matiali	3021	1591	2150	1013	3301
Sindh	Mirpurkhas	605	2931	1591	891	610
Sindh	Naushero Feroze	171	6995	1689	2150	205
Sindh	Sanghar	3031	10757	4150	4983	2476
Sindh	Shaheed Benazirabad (Nawabshah)	201	11921	975	1775	331
Sindh	Shikarpur	15	1234	371	1931	0
Sindh	Sukkur	205	4834	4180	2410	91
Sindh	Tando Allahyar	3691	3121	1610	1491	1089
Sindh	Tando Muhammad Khan	480	3493	220	462	981
Sindh	Tharparkar	2991	32	3225	40	25
Sindh	Thatta	211	4936	1830	412	971
Sindh	Umerkot	295	3210	450	1381	305

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

District-wise Production of Main Fodders in Sindh						
Province	District	Production per Area Bajra '000t	Production per Area Berseem '000t	Production per Area Jowar '000t	Production per Area Lucerne '000t	Production per Area Maize '000t
Sindh	Badin	11.927	305.957	6.002	21.843	14.875
Sindh	Dadu	0.722	202.610	20.028	18.388	0.892
Sindh	Ghotki	2.326	191.221	39.726	65.213	0.894
Sindh	Hyderabad	12.420	33.216	1.773	15.056	21.851
Sindh	Jacobabad	1.617	28.516	11.879	23.836	0.000
Sindh	Jamshoro	3.761	146.135	15.142	17.765	5.599
Sindh	Kamber Shadadkot	0.000	173.441	17.892	118.399	0.000
Sindh	Karachi	0.089	11.093	6.746	5.466	4.372
Sindh	Kashmore	1.212	29.967	9.489	33.385	0.000
Sindh	Khairpur	1.867	239.305	315.070	230.810	1.902
Sindh	Larkana	0.000	151.895	21.180	143.737	0.000
Sindh	Matiari	34.006	83.505	26.727	23.130	44.989
Sindh	Mirpurkhas	6.690	152.388	20.250	23.162	7.108
Sindh	Naushero Feroze	2.144	371.981	24.828	53.129	3.118
Sindh	Sanghar	32.921	519.937	65.947	111.807	34.968
Sindh	Shaheed Benazirabad (Nawabshah)	2.740	626.866	14.235	43.687	5.068
Sindh	Shikarpur	0.173	59.523	4.059	47.335	0.000
Sindh	Sukkur	2.592	245.118	51.957	58.362	1.366
Sindh	Tando Allahyar	42.642	164.118	19.377	34.781	14.842
Sindh	Tando Muhammad Khan	5.356	182.299	2.626	10.549	13.079
Sindh	Tharparkar	33.373	1.455	48.698	0.593	0.274
Sindh	Thatta	2.396	219.552	21.483	6.475	12.370
Sindh	Umerkot	3.233	167.529	5.594	33.853	3.494

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

<b>District-wise Area of Main Crops in Sindh</b>						
<b>Province</b>	<b>Districts</b>	<b>Area of Cotton '000ha</b>	<b>Area of Rice '000ha</b>	<b>Area of Sugercane '000ha</b>	<b>Area of Sunflower '000ha</b>	<b>Area of Wheat '000ha</b>
Sindh	Badin	13.600	80.500	53.600	132.221	33.300
Sindh	Dadu	9.200	55.000	2.200	0.149	55.200
Sindh	Ghotki	76.900	33.100	5.900	0.408	97.500
Sindh	Hyderabad	7.000	1.500	5.800	1.395	14.300
Sindh	Jacobabad	0.000	70.500	0.100	0.226	14.100
Sindh	Jamshoro	17.500	0.200	0.700	0.330	30.300
Sindh	Kamber Shadadkot	0.000	82.600	0.200	0.277	32.100
Sindh	Karachi	0.100	0.000	0.000	0.000	0.900
Sindh	Kashmore	0.000	72.800	0.100	0.246	34.000
Sindh	Khairpur	78.900	8.800	21.700	0.739	102.800
Sindh	Larkana	3.600	95.100	0.300	0.310	39.200
Sindh	Matiari	33.100	1.000	12.600	0.750	39.600
Sindh	Mirpurkhas	35.300	1.400	13.100	19.379	63.000
Sindh	Naushero Feroze	36.900	6.800	20.900	0.720	100.200
Sindh	Sanghar	122.900	13.300	11.600	5.437	122.600
Sindh	Shaheed Benazirabad (Nawabshah)	46.300	3.800	23.700	1.396	77.500
Sindh	Shikarpur	0.100	96.100	0.000	0.363	31.300
Sindh	Sukkur	30.200	14.400	2.200	0.324	43.600
Sindh	Tando Allahyar	20.800	0.000	20.700	1.057	32.200
Sindh	Tando Muhammad Khan	4.400	18.100	28.800	11.094	11.400
Sindh	Tharparkar	0.700	0.000	1.400	0.108	1.400
Sindh	Thatta	0.800	78.500	33.200	54.716	13.600
Sindh	Umerkot	23.200	0.000	5.100	22.068	41.300

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

## District-wise Production of Main Crops in Sindh

Province	Districts	Production of Cotton '000t	Production of Rice '000t	Production of Sugercane '000t	Production of Sunflower '000t	Production of Wheat '000t
Sindh	Badin	15.359	270.700	2730.500	148.990	93.000
Sindh	Dadu	6.565	206.300	97.500	0.167	160.000
Sindh	Ghotki	64.532	65.500	298.800	0.548	363.200
Sindh	Hyderabad	8.811	4.300	313.700	1.544	55.400
Sindh	Jacobabad	0.000	294.700	5.400	0.286	37.700
Sindh	Jamshoro	12.791	0.400	30.600	0.359	98.900
Sindh	Kamber Shadadkot	0.000	288.800	9.700	0.312	89.300
Sindh	Karachi	0.085	0.000	0.000	0.000	2.600
Sindh	Kashmore	0.000	280.700	2.500	0.332	94.200
Sindh	Khairpur	64.243	27.700	1164.100	0.943	376.000
Sindh	Larkana	2.585	370.200	13.600	0.386	113.700
Sindh	Matiari	42.795	3.100	642.300	0.808	154.900
Sindh	Mirpurkhas	31.586	3.600	653.500	23.561	218.600
Sindh	Naushero Feroze	31.739	20.700	1137.800	0.954	376.200
Sindh	Sanghar	111.732	41.500	487.900	6.933	451.900
Sindh	Shaheed Benazirabad (Nawabshah)	40.294	12.700	996.100	1.876	277.900
Sindh	Shikarpur	0.085	348.900	0.900	0.466	88.200
Sindh	Sukkur	24.289	32.400	108.600	0.410	158.300
Sindh	Tando Allahyar	23.404	0.000	1141.400	1.128	121.700
Sindh	Tando Muhammad Khan	4.848	61.800	1536.600	11.953	32.500
Sindh	Tharparkar	0.595	0.000	59.100	0.124	3.700
Sindh	Thatta	0.799	203.100	1629.900	60.574	42.200
Sindh	Umerkot	19.458	0.000	243.800	25.739	130.200

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)



### District-wise Production of Main Fodder per Unit Area in Sindh

Province	District	Production per Area	Production per Area	Production per Area	Production per Area	Production per Area
		Bajra 'ton per ha	Area Berseem 'ton per ha	Jowar 'ton per ha	Area Lucerne 'ton per ha	Maize 'ton per ha
Sindh	Badin	0.012	0.045	0.010	0.017	0.012
Sindh	Dadu	0.012	0.045	0.010	0.023	0.013
Sindh	Ghotki	0.012	0.052	0.012	0.024	0.015
Sindh	Hyderabad	0.012	0.051	0.012	0.022	0.014
Sindh	Jacobabad	0.012	0.049	0.011	0.025	0.000
Sindh	Jamshoro	0.012	0.045	0.010	0.024	0.012
Sindh	Kamber Shadadkot	0.000	0.048	0.015	0.024	0.000
Sindh	Karachi	0.010	0.038	0.010	0.016	0.011
Sindh	Kashmore	0.012	0.049	0.011	0.025	0.000
Sindh	Khairpur	0.012	0.052	0.014	0.024	0.015
Sindh	Larkana	0.000	0.048	0.014	0.024	0.000
Sindh	Matiari	0.011	0.052	0.012	0.023	0.014
Sindh	Mirpurkhas	0.011	0.052	0.013	0.026	0.012
Sindh	Naushero Feroze	0.013	0.053	0.015	0.025	0.015
Sindh	Sanghar	0.011	0.048	0.016	0.022	0.014
Sindh	Shaheed Benazirabad (Nawabshah)	0.014	0.053	0.015	0.025	0.015
Sindh	Shikarpur	0.012	0.048	0.011	0.025	0.000
Sindh	Sukkur	0.013	0.051	0.012	0.024	0.015
Sindh	Tando Allahyar	0.012	0.053	0.012	0.023	0.014
Sindh	Tando Muhammad Khan	0.011	0.052	0.012	0.023	0.013
Sindh	Tharparkar	0.011	0.045	0.015	0.015	0.011
Sindh	Thatta	0.011	0.044	0.012	0.016	0.013
Sindh	Umerkot	0.011	0.052	0.012	0.025	0.011

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

## District-wise Production of Main Crops per Unit Area in Sindh

Province	Districts	Production of Wheat 'ton per ha	Production of Rice 'ton per ha	Production of Sugercane 'ton per ha	Production of Cotton 'ton per ha	Production of Sunflower 'ton per ha
Sindh	Badin	93.000	270.700	2730.500	15.359	148.990
Sindh	Dadu	160.000	206.300	97.500	6.565	0.167
Sindh	Ghotki	363.200	65.500	298.800	64.532	0.548
Sindh	Hyderabad	55.400	4.300	313.700	8.811	1.544
Sindh	Jacobabad	37.700	294.700	5.400	0.000	0.286
Sindh	Jamshoro	98.900	0.400	30.600	12.791	0.359
Sindh	Kamber Shadadkot	89.300	288.800	9.700	0.000	0.312
Sindh	Karachi	2.600	0.000	0.000	0.085	0.000
Sindh	Kashmore	94.200	280.700	2.500	0.000	0.332
Sindh	Khairpur	376.000	27.700	1164.100	64.243	0.943
Sindh	Larkana	113.700	370.200	13.600	2.585	0.386
Sindh	Matiali	154.900	3.100	642.300	42.795	0.808
Sindh	Mirpurkhas	218.600	3.600	653.500	31.586	23.561
Sindh	Naushero Feroze	376.200	20.700	1137.800	31.739	0.954
Sindh	Sanghar	451.900	41.500	487.900	111.732	6.933
Sindh	Shaheed Benazirabad (Nawabshah)	277.900	12.700	996.100	40.294	1.876
Sindh	Shikarpur	88.200	348.900	0.900	0.085	0.466
Sindh	Sukkur	158.300	32.400	108.600	24.289	0.410
Sindh	Tando Allahyar	121.700	0.000	1141.400	23.404	1.128
Sindh	Tando Muhammad Khan	32.500	61.800	1536.600	4.848	11.953
Sindh	Tharparkar	3.700	0.000	59.100	0.595	0.124
Sindh	Thatta	42.200	203.100	1629.900	0.799	60.574
Sindh	Umerkot	130.200	0.000	243.800	19.458	25.739

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

Density of Main Fodder						
Province	District	Bajra Density 2008	Berseem Density 2008 & 09	Jowar Density 2008	Lucerne Density 2008 & 09	Maize Density 2008
Sindh	Badin	0.151	1.018	0.093	0.189	0.180
Sindh	Dadu	0.007	0.566	0.248	0.099	0.009
Sindh	Ghotki	0.029	0.569	0.504	0.423	0.009
Sindh	Hyderabad	1.053	0.632	0.147	0.660	1.582
Sindh	Jacobabad	0.048	0.209	0.401	0.342	0.000
Sindh	Jamshoro	0.028	0.285	0.138	0.067	0.040
Sindh	Kamber Shadadkot	0.000	0.637	0.218	0.888	0.000
Sindh	Karachi	0.002	0.079	0.189	0.096	0.112
Sindh	Kashmore	0.035	0.217	0.317	0.481	0.000
Sindh	Khairpur	0.009	0.290	1.451	0.602	0.008
Sindh	Larkana	0.000	1.647	0.769	3.196	0.000
Sindh	Matiari	2.074	1.092	1.476	0.696	2.267
Sindh	Mirpurkhas	0.203	0.985	0.535	0.299	0.205
Sindh	Naushero Feroze	0.056	2.298	0.555	0.706	0.067
Sindh	Sanghar	0.283	1.005	0.388	0.466	0.231
Sindh	Shaheed Benazirabad (Nawabshah)	0.045	2.647	0.216	0.394	0.073
Sindh	Shikarpur	0.006	0.480	0.144	0.752	0.000
Sindh	Sukkur	0.039	0.927	0.802	0.462	0.017
Sindh	Tando Allahyar	2.385	2.017	1.041	0.964	0.704
Sindh	Tando Muhammad Khan	0.310	2.255	0.142	0.298	0.633
Sindh	Tharparkar	0.154	0.002	0.166	0.002	0.001
Sindh	Thatta	0.012	0.284	0.105	0.024	0.056
Sindh	Umerkot	0.054	0.585	0.082	0.252	0.056

**Source:** Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

Density of Main Crops						
Province	District	Cotton Density	Rice Density	Sugercane Density	Sunflower Density	Wheat Density
Sindh	Badin	0.002	0.012	0.008	0.020	0.005
Sindh	Dadu	0.001	0.007	0.000	0.000	0.007
Sindh	Ghotki	0.012	0.005	0.001	0.000	0.015
Sindh	Hyderabad	0.007	0.001	0.006	0.001	0.014
Sindh	Jacobabad	0.000	0.026	0.000	0.000	0.005
Sindh	Jamshoro	0.002	0.000	0.000	0.000	0.003
Sindh	Kamber Shadadkot	0.000	0.015	0.000	0.000	0.006
Sindh	Karachi	0.000	0.000	0.000	0.000	0.000
Sindh	Kashmore	0.000	0.026	0.000	0.000	0.012
Sindh	Khairpur	0.005	0.001	0.001	0.000	0.006
Sindh	Larkana	0.002	0.050	0.000	0.000	0.021
Sindh	Matiari	0.023	0.001	0.009	0.001	0.027
Sindh	Mirpurkhas	0.012	0.000	0.004	0.007	0.021
Sindh	Naushero Feroze	0.012	0.002	0.007	0.000	0.033
Sindh	Sanghar	0.011	0.001	0.001	0.001	0.011
Sindh	Shaheed Benazirabad (Nawabshah)	0.010	0.001	0.005	0.000	0.017
Sindh	Shikarpur	0.000	0.037	0.000	0.000	0.012
Sindh	Sukkur	0.006	0.003	0.000	0.000	0.008
Sindh	Tando Allahyar	0.013	0.000	0.013	0.001	0.021
Sindh	Tando Muhammad Khan	0.003	0.012	0.019	0.007	0.007
Sindh	Tharparkar	0.000	0.000	0.000	0.000	0.000
Sindh	Thatta	0.000	0.005	0.002	0.003	0.001
Sindh	Umerkot	0.004	0.000	0.001	0.004	0.008

Source: Government of Pakistan. (2010) *Crop Area and Production (By District) 2007-08 & 2008-09*, Ministry of Food and Agriculture (Economic Wing)

### Surface Salinity in Sindh

The map indicates the rate of saline affected area (i.e., non-free from salt; total rate of slightly-saline (S2), moderately saline (S3) and strongly saline (S4) area surveyed by SMO, WAPDA during 2001-2004.)

No.	Canal Command	Total Acreage	Salt Free (S1)	Slightly Saline (S2)	Moderately Saline (S3)	Strongly Saline (S4)	Misc. Land Types	Barrage	Bank	Divisions		
1	Pat Feeder	648000	317520	213840	71280	25920	19440	Guddu	Right	Kandhkot [Northern half portion]		
			0	0	0	0	0					
2	Desert	433000	134230	116910	60620	112580	8660	Guddu	Right	Kandhkot [Southern half portion]		
			0	0	0	0	0					
3	North West	1002594	348642	182397	173508	255447	42600	Sukkar	Right	Shahdadkot	Saifullah	Warah
			0	0	0	0	0					
4	Beghari Sindh Feeder	1088000	413440	217600	163200	272000	21760	Guddu	Right	Beghari		
			0	0	0	0	0					
5	Rice	601713	188156	154550	127953	101754	29300	Sukkar	Right	Rice Canal		
			0	0	0	0	0					
6	Dadu	601581	366757	88068	60283	69133	17340	Sukkar	Right	Northern Dadu	Southern Dadu	Shahbaz
			1	0	0	0	0					
7	Ghotki	984795	716850	61064	26476	90405	90000	Guddu	Left	Gothki	Mirpur	
			1	0	0	0	0					
8	Khairpur West	300000	216000	39000	12000	12000	21000	Sukkar	Left	Khairpur West		
			1	0	0	0	0					
9	Khairpur East	506000	308660	86020	35420	30360	45540	Sukkar	Left	Khairpur East		
			1	0	0	0	0					
10	Rohri North	1390713	758436	365465	70049	115523	81240	Sukkar	Left	Rohri	Dad	Nasrat
			1	0	0	0	0					
11	Rohri South	1537000	907650	279000	100000	173500	76850	Sukkar	Left	Hala	Nasir	
			1	0	0	0	0					
12	Nara	2431394	709611	567039	243139	793605	118000	Sukkar	Left	Thar	Mithrao	Jamro
			0	0	0	0	0					
13	Fuleli	1045651	456930	218865	106560	212296	51000	Kotori	Left	Fuleli	Guni	Akram Wah
			0	0	0	0	0					

### Surface Salinity in Sindh

The map indicates the rate of saline affected area (i.e., non-free from salt, total rate of slightly saline (S2), moderately saline (S3) and strongly saline (S4) area surveyed by SMO, WAPDA during 2001-2004.)

No.	Canal Command	Total Acreage	Salt Free (S1)	Slightly Saline (S2)	Moderately Saline (S3)	Strongly Saline (S4)	Misc. Land Types	Barrage	Bank	Divisions	
14	Gaja	113514	34696	29704	15162	26852	7100	Kotori	Left	Akram Wah (Gaja)	
			0	0	0	0	0				
15	Tando Bagho	418451	110301	93620	64464	87299	62767	Kotori	Right	Kalari Baghar	
			0	0	0	0	0				
16	KaIari	824200	322489	91302	67044	176165	167200	Kotori	Right	Sakro	
			0	0	0	0	0				
17	Pinyari	981207	220916	185073	50651	390967	133600	Kotori	Right	Pinyari Upper	Pinyari Lower
			0	0	0	0	0				
	Total	14907813	6531284	2989517	1447809	2945806	993397				
			0	0	0	0	0				

Source: SCARP Monitoring Office, WAPDA



## Location of Livestock Market in Sindh

Livestock markets in Sindh are located on the map. Based on "Name of Livestock Market and the Number of Sold Livestock" in each district provided by the Livestock Department, top 25% of livestock markets which have largest number animal sold at the livestock markets are marked with a double circle.

Name of Piri	Latitude	Longitude	Buffalo	Cow	Sheep	Goat
Al- Fatah Market Near Ayoubia Hotel	25	68.456	175	75	30	50.000
Bacha Band	25	69.644	10.000	15	200	300.000
Badin	25	68.843	1400	1400	0	0.000
Bangu Bahan	27	68.417	5	10	50	100.000
Belaro	25	69.112	125	110	40	250.000
Bhan	27	67.717	250	150	200	500.000
Bhiria Road	27	68.219	200.000	130	20	605.000
By pass piri National high way Hyd;	25	68.372	188.000	275	700	1800.000
By pass road Nasirabad	27	67.913	250.000	150	450	350.000
Cheelh Band	25	69.668	110.000	-	-	-
Chuhar Jamali	24	67.991	120	115	210	235.000
Dadu	27	67.773	200	250	200	300.000
Daharki	28	69.701	100	100	300	200.000
Daur	26	68.316	250	500	500	3000.000
Dildar Tando Sain dad	- do -		125.000	75	50	75.000
Drigh Bala	27	67.468	150.000	200	200	400.000
Dumballo	25	68.643	200	150	500	1200.000
Golarchi	25	68.472	500	400	600	1500.000
Haji Sanwan	25	68.842	0.000	0	300	400.000
Hala	26	68.425	125.000	250	38	500.000
Halani	27	68.314	70.000	100	20	500.000
Islam Kot pri Large & Small animal	25	70.175	12.000	112	150	1000.000
Jacobabad	28	68.433	1450.000	2166	2425	5300.000
Jamshoro	25	68.280	10.000	20	100	400.000
Jhangara	26	67.701	200.000	100	200	600.000
Johi	27	67.614	250.000	300	400	500.000
Kadhan	25	68.987	100.000	150	350	150.000
Kandh Kot	28	69.182	275.000	250	250	275.000
Kashmore	28	69.564	1250	900	1100	1250.000
Khairpur	28	68.769	8	15	20	200.000
Khairpur Nathan Shah (K. N. Shah)	27	67.737	100	150	150	200.000
Khan pur Mahar	28	68.723	450.000	400	300	600.000
Khipro	26	69.377	800	5300	3500	6000.000
Kingri	28	68.616	25.000	18	70	700.000
Korki Hajana	27	68.389	130.000	250	200	600.000
Kot Ghulam Mohammad	25	69.243	150.000	120	50	350.000
Kot lalo	28	68.777	15.000	20	70	150.000
Kotri	25	68.284	40.000	200	300	1400.000
Kumb	27	68.621	150.000	100	500	2500.000

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Name of Piri	Latitude	Longitude	Buffalo	Cow	Sheep	Goat
Kunri	25	69.565	70.000	100	50	300.000
Landhi Cattle Colony	25	67.170	125000.000	25000	75000	125000.000
Larkana	28	68.212	400.000	200	600	1000.000
Malir Karachi	25	67.189	500.000	1000	2000	2000.000
Mawach Goth Hub River Road	25	67.225	4000.000	2000	5000	8000.000
Mehar	27	67.824	400	600	500	700.000
Mir Mumtaz Talpur (old)	- do -		275.000	-	-	-
Mirpur Bathoro	25	68.261	250.000	300	50	200.000
Mirpur Mathalo	28	69.553	250	150	150	1000.000
Mirpur Sakro	25	67.633	100.000	200	200	3.000
Mirpurkhas	26	69.005	250.000	180	60	700.000
Mithi Piri.	25	69.791	15	150	600	1650.000
Moro	27	67.992	200.000	150	25	600.000
Naudero	28	68.358	100.000	70	150	200.000
Naushero Feroze	27	68.117	80	100	25	700.000
Nawabshah	26	68.401	50	60	35	500.000
Nindo (<-Nondo?)	25	68.964	100	100	400	600.000
Pangrio	25	69.203	500.000	800	800	2500.000
Pano Aqil	28	69.076	90	115	35	50.000
Qazi Ahmed	26	68.096	200.000	250	1000	1580.000
Rato Dero	28	68.289	100	50	100	200.000
Rohri	28	68.899	200	30	25	200.000
Sakrand	26	68.271	30	10	200	600.000
Sanghar	26	68.934	600	1500	1200	2300.000
Sann	26	68.132	10	15	200	800.000
Shadad pur	26	68.622	5500.000	1800	1500	3500.000
Shadi Large	25	68.843	150.000	200	400	700.000
Shah pur Chakar	26	68.651	1000	1165	980	2500.000
Shikarpur	28	68.645	270	120	100	500.000
Sindhri	26	69.129	120	100	90	230.000
Sirani	25	68.788	100	100	300	400.000
Soofi Faqir	25	69.520	20	25	60	400.000
Taj abad	26	68.402	20	12	20	350.000
Talhar	25	68.814	3000.000	4000	3500	4500.000
Tando Adam	26	68.663	2500.000	4500	2300	4500.000
Tando Allahyar	25	68.722	80.000	90	250	550.000
Tando Bago	25	68.969	0.000	0	900	2000.000
Tando Sain dad	25	68.523	500.000	400	40	375.000
Tangwani	28	69.362	90.000	125	35	60.000

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Name of Piri	Latitude	Longitude	Buffalo	Cow	Sheep	Goat
Thari Mirwah	27	68.604	35.000	40	20	350.000
Tharo Shah	27	67.981	68.000	80	15	350.000
Thatta City	25	67.930	95.000	76	147	170.000
Town Chamber	25	68.805	2800.000	1200	200	3000.000
Ubauro	28	69.731	90.000	150	80	145.000
Umar Kot Town	25	69.732	0	5	100	500.000
Usman Shah huri	25	68.506	190.000	170	40	160.000
Wad pagia	27	68.452	40.000	60	40	30.000
Wahi Pandhi	27	67.359	100.000	200	400	600.000

Source: Department of Livestock & Fisheries, Government of Sindh

### Flow of Animal Head through Livestock Market

The width of each arrow indicates the estimated total number of buffalo, cattle, goat and sheep sold at livestock markets and transported from district(s) where the arrow starts to district(s) where the arrow ends.

Origin District	Ghotki	Sukkur	Khairpur	Naushero Feroze	Nawabshah (Shaheed Benazirabad)	Kashmore	Shikarpur	Jacobabad	Kamber Shadadkot	Larkana	Dadu	Jamshoro	Thatta	Matlari	Tando Allahyar	Hyderabad	Tando Muhammad Khan	Badin	Sanghar	Mirpurkhas	Umerkot	Tharparkar	Karachi	Punjab	Balochistan	Abroad	Total	
Ghotki	1048					0	0	0	0	0						55								1437	800	295		3635
Sukkur		447			0	0	0	0	0	22						0								215		163		847
Khairpur			3576		0	0	0	0	0	0						0								1975				5551
Naushero Feroze				303	0	0	0	0	0	0						522								3213				4038
Nawabshah (Shaheed Benazirabad)					3645	0	0	0	0	0						956								3704		569		8875
Kashmore					0	1870	0	0	0	0						0								1451		2524		5844
Shikarpur					0	0	284	0	0	0						0								150	101	185		720
Jacobabad					0	0	0	1943	0	0						0								1831		7567		11341
Kamber Shadadkot					0	0	0	0	374	0						0								196		198		768
Larkana					0	0	0	0	0	1894						0								1125		152		3170
Dadu					0	0	0	0	0	0	2999					1511								2978				7488
Jamshoro					0	0	0	0	0	0	147	2940				557								2059				5703
Thatta					0	0	0	0	0	0			1567			0								780				2347
Matlari					0	0	0	0	0	0				1283		455								1911		0		3650
Tando Allahyar					0	0	0	0	0	0					2043	1306			296	393	67			3832				7938
Hyderabad					0	0	0	0	0	0						699								1384		879		2963
Tando Muhammad Khan					0	0	0	0	0	0			35			374	1141	18						427		161	89	2245
Badin					0	0	0	0	0	0						1832		5026						6232				13090
Sanghar					0	0	0	0	0	0					386	5952			21876					10573		4593		43380
Mirpurkhas					0	0	0	0	0	0						428				785				1397		315		2925
Umerkot					0	0	0	0	0	0						307				258	289			1077	333			2265
Tharparkar					0	0	0	0	0	0						427						179		2375				3662
Karachi					0	0	0	0	0	0			650			0						681	708					29775
Punjab						1593																						1593
Balochistan								2268																				2268
<b>Total</b>	<b>1048</b>	<b>447</b>	<b>3576</b>	<b>303</b>	<b>3645</b>	<b>3462</b>	<b>284</b>	<b>4211</b>	<b>374</b>	<b>1916</b>	<b>3146</b>	<b>2940</b>	<b>2253</b>	<b>1283</b>	<b>2429</b>	<b>15380</b>	<b>1141</b>	<b>6433</b>	<b>22172</b>	<b>1437</b>	<b>356</b>	<b>179</b>	<b>111038</b>	<b>1234</b>	<b>17600</b>	<b>29864</b>	<b>238154</b>	

Source: Livestock Department (2010), *Improvement of Livestock Market in Sindh* (Names of livestock market, and the number of sold livestock were referred) The Project Team (Field Study from Dec 2010 to Jan 2011) (Major destinations and its ratios at selected livestock markets are referred)