

Database of Irish Historical Statistics

Occupations

DATABASE OF IRISH HISTORICAL STATISTICS

Notes on occupational data

These notes are to accompany the occupational data as presented in the censuses of Ireland 1831 to 1911. All occupational data are presented at the spatial level of county, city or large town. In Ireland there are 32 counties; 12 are in the Province of Leinster, 6 in Munster, 9 in Ulster and 5 in Connaught. In addition, occupational data have been recorded for a number of cities and towns. It is important, therefore, that the accompanying notes are referred to for each census. We realise that there are a number of discrepancies between our figures and those of the census. We have adopted a policy of searching for any discrepancy of 10 or more, though there may be a few which have slipped through the net.

OCCUPATIONS IN IRELAND 1831

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u> Carlow Dublin Kildare Kilkenny King's County Longford Louth Meath Queen's County Westmeath Wexford <u>Cities</u> ⁴ Dublin Kilkenny <u>Town</u> Drogheda ⁴	<u>Counties:</u> Clare Cork Kerry Limerick Tipperary Waterford <u>Cities</u> ⁴ Cork Limerick Waterford	<u>Counties:</u> Antrim ¹ Armagh Cavan Donegal Down Fermanagh Londonderry Monaghan Tyrone <u>Towns</u> Belfast ² Carrickfergus ³	<u>Counties:</u> Galway Leitrim Mayo Roscommon Sligo <u>Town</u> Galway ⁴

Notes on Spatial Units

- 1.. County Antrim figures include figures for the town of Belfast.
2. Separate figures are given for the Town of Belfast figures, though note the Co. Antrim figures also include figures for the Town of Belfast.
3. Town of Carrickfergus figures are excluded in Co. Antrim figures.
4. City figures are exclusive of the county figures as also are towns of Galway and Drogheda.

OCCUPATIONS - AGEAGE COHORTS

Males of 20 years and over. The census tables are headed 'Males (Twenty years of Age) employed in Retail Trade or Handicraft as Masters or Workmen'. In view of the large numbers in some occupations we have concluded that the age relates to 20 years of age and over.

There are no females figures

TABLE STRUCTURE

Name: oc1831_age

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.	Description
county_id	varchar	8	yes	no	1	County code
year	varchar	4	yes	no		Year
sex	varchar	1	yes	no		Sex
occupation	varchar	45	yes	no	2	Type of occupation
males20_and_over	integer	4	yes	no		Number of males

NotesCounty Waterford

The total figure printed is 4924, whereas the aggregate figure is 4931.

County Armagh

The total figure printed is 11795, whereas the aggregate figure is 11780.

County Cavan

The total figure printed is 6570, whereas the aggregate figure is 6270.

County Londonderry

The total figure printed is 9269, whereas the aggregate figure is 9264.

County Roscommon

The total figure printed is 6229, whereas the aggregate figure is 6230.

SOURCE: The Census of Ireland for the year 1831, BPP1833(254) XXXIX

OCCUPATIONS IN IRELAND 1841SPATIAL UNITS.

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u> Carlow Dublin Kildare Kilkenny King's County Longford Louth Meath Queen's County Westmeath Wexford <u>Cities</u> ⁴ Dublin Kilkenny <u>Town</u> Drogheda ⁴	<u>Counties:</u> Clare Cork Kerry Limerick Tipperary Waterford <u>Cities</u> ⁴ Cork Limerick Waterford	<u>Counties:</u> Antrim ¹ Armagh Cavan Donegal Down Fermanagh Londonderry Monaghan Tyrone <u>Towns</u> Belfast ² Carrickfergus ³	<u>Counties:</u> Galway Leitrim Mayo Roscommon Sligo <u>Town</u> Galway ⁴

Notes on Spatial units

1. County Antrim figures exclude figures for the Town of Belfast.
2. Separate figures are given for the Town of Belfast figures, though note the Co. Antrim figures exclude figures for the County Antrim portion of the Town of Belfast.
3. Town of Carrickfergus figures are excluded in Co, Antrim figures.
4. City figures are exclusive of the county figures as also are towns of Galway and Drogheda.

OCCUPATIONS - AGEAGE COHORTS

'Persons 15 years and upwards'	Male
'Persons under 15 years'	Male
'Persons 15 years and upwards'	Female
'Persons under 15 years'	Female

TABLE STRUCTURE

Name: oc1841_age

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq	Description
county_id	varchar	8	yes	no	1	County code
year	varchar	4	yes	no		Year
subgroup_code	varchar	5	yes	no		Occupational code
occupation	varchar	45	yes	no	2	Type of occupation
total_males	integer	4	yes	no		Total number of males
total_females	integer	4	yes	no		Total number of females
males15andmore	integer	4	yes	no		Number of males 15 +
females15andmore	integer	4	yes	no		Number of females 15 +
malesunder15	integer	2	yes	no		Number of males under 15
femalesunder15	integer	2	yes	no		Number of females under 15

NOTES

County Tyrone

There is an aggregation error of 20 extra in the 'Persons 15 years old and upwards' Male, in the census.

Ulster counties: Total of Ulster counties of 'Males under 15 years' does not correspond to the provincial figures for that group

SOURCE: The Census of Ireland for the year 1841, BPP 1843[504]xxiv

OCCUPATIONS IN IRELAND 1851SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u> Carlow Dublin Kildare Kilkenny King's County Longford Louth Meath Queen's County Westmeath Wexford <u>Cities</u> ⁴ Dublin Kilkenny <u>Town</u> Drogheda ⁴	<u>Counties:</u> Clare Cork, East Riding ⁵ Cork, West Riding ⁵ Kerry Limerick Tipperary, North Riding ⁵ Tipperary, South Riding ⁵ Waterford <u>Cities</u> ⁴ Cork Limerick Waterford	<u>Counties:</u> Antrim ¹ Armagh Cavan Donegal Down Fermanagh Londonderry Monaghan Tyrone <u>Towns</u> Belfast ² Carrickfergus ³	<u>Counties:</u> Galway Leitrim Mayo Roscommon Sligo <u>Town</u> Galway ⁴

Notes on Spatial units

1. County Antrim figures exclude figures for the Town of Belfast.
2. Separate figures are given for the Town of Belfast figures, though note the Co. Antrim figures exclude figures for the County Antrim portion of the Town of Belfast.
3. Town of Carrickfergus figures are excluded in Co, Antrim figures.
4. City figures are exclusive of the county figures as also are towns of Galway and Drogheda.
5. New spatial units were devised for counties Cork and Tipperary. Cork is divided into East and West Riding, and Tipperary is divided into North and South Riding.

OCCUPATIONS - AGEAGE COHORTS

'Persons 15 years of age and upwards' Male

'Persons under 15 years of age' Male

'Persons 15 years of age and upwards' Female

'Persons under 15 years of age' Female

TABLE STRUCTURE

Name: oc1851_age

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.	Description
county_id	varchar	8	yes	no	1	County code
year	varchar	4	yes	no		Year
subgroup_code	varchar	5	yes	no		Occupational code
occupation	varchar	45	yes	no	2	Type of occupation
total_males	integer	4	yes	no		Total number of males
total_females	integer	4	yes	no		Total number of females
males15andmore	integer	4	yes	no		Number of males 15 +
females15andmore	integer	4	yes	no		Number of females 15 +
malesunder15	integer	2	yes	no		Number of males under 15
femalesunder15	integer	2	yes	no		Number of females under 15

NOTES:County Cavan

A computational error of 1 extra person has been found in the group 'persons under 15 years of age' (females) for the county of Cavan in the province of Ulster.

Town of Galway

A computational error of 4 extra persons has been found in group 'persons 15 years of age and upwards' (male), for the town of Galway in the province of Connaught.

Town of Drogheda

At the end of this occupational table the 'General Total of Town of Drogheda' is printed as 4,624 for 'Persons 15 years of age and upwards' (male), the figure should read 4,642 as stated as the grand total in the summary table.

SOURCE: The Census of Ireland for the year 1851, BPP 1856[2134]xxxi

OCCUPATIONS IN IRELAND 1861

The presentation of the occupational data for the year 1861 differs from earlier years. Formerly the occupational tables were placed with the county, city and town data to which they pertained. In 1861 this pattern was broken. The occupational data for the counties, cities and major towns were organised in one large table for an entire province, and placed at the end of each of the four provincial sections. Also, the data were not broken down into age cohorts, they are differentiated by sex only.

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u> Carlow Dublin Kildare Kilkenny King's County Longford Louth Meath Queen's County Westmeath Wexford <u>Cities</u> ⁴ Dublin City Dublin Suburbs ⁵ Kilkenny <u>Town</u> Drogheda ⁴	<u>Counties:</u> Clare Cork East Riding Cork West Riding Kerry Limerick Tipperary North Riding Tipperary South Riding Waterford <u>Cities</u> ⁴ Cork Limerick Waterford	<u>Counties:</u> Antrim ¹ Armagh Cavan Donegal Down Fermanagh Londonderry Monaghan Tyrone <u>Towns</u> Belfast ² Carrickfergus ³	<u>Counties:</u> Galway Leitrim Mayo Roscommon Sligo <u>Town</u> Galway ⁴

Notes on Spatial units

1. County Antrim figures exclude figures for the Town of Belfast.
2. Separate figures are given for the Town of Belfast figures, though note the Co. Antrim figures exclude figures for the County Antrim portion of the Town of Belfast.
3. Town of Carrickfergus figures are excluded in Co, Antrim figures.
4. City figures are exclusive of the county figures as also are towns of Galway and Drogheda.
5. Separate data are given for Dublin City and Dublin Suburbs. This is the only census in which such a distinction takes place

Occupations 1861

Within the occupational tables are appended six non- occupational categories:

- (I) Children and Relatives
- (ii) Pupils
- (iii) Wives
- (iv) Widows
- (v) Visitors
- (vi) All Others

These categories have been included in the dataset so that the totals for the counties, cities and towns compare with the census.

OCCUPATIONS - TOTALS (MALE AND FEMALE)

AGE COHORTS

None.

TABLE STRUCTURE

Name: oc1861_age

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.	Description
county_id	varchar	8	yes	no	1	County code
year	varchar	4	yes	no		Year
subgroup_code	varchar	5	yes	no		Occupational code
occupation	varchar	45	yes	no	2	Type of occupaion
total_males	integer	4	yes	no		Number of males
total_females	integer	4	yes	no		Number of females

NOTESCounty of Louth

For the county of Louth the printed total of occupied females is 30 too few when compared with the printed aggregate in the census. The discrepancy may be a printer's error.

SOURCE: Census of Ireland for the year 1861, BPP 1864[3204-IV]lxi

OCCUPATIONS IN IRELAND 1871

The presentation of occupations for the year 1871 changes yet again, bringing the classification in line with that used in the English census. This format remains unchanged for the censuses of 1881, 1891 1901 and 1911, although there are small changes in the presentation of some censuses and so it is essential to read these notes.. The data are presented in three ways:

1. By Age
2. By Religion
3. By Literacy

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u>	<u>Counties:</u>	<u>Counties:</u>	<u>Counties:</u>
Carlow	Clare	Antrim ⁴	Galway & Town ⁷
Dublin	Cork ²	Armagh	Leitrim
Kildare	Kerry	Cavan	Mayo
Kilkenny & City ⁹	Limerick	Donegal	Roscommon
King's County	Tipperary ³	Down ⁵	Sligo
Longford	Waterford	Fermanagh	
Louth & Drogheda ⁸		Londonderry & City ¹⁰	
Meath		Monaghan	
Queen's County		Tyrone	
Westmeath			
Wexford			
<u>City</u>	<u>Cities</u>		
Dublin ¹	Cork		
	Limerick		
	Waterford	<u>Town</u>	
		Belfast ⁶	

Notes on Spatial Units

1. The suburbs of Dublin are not presented as a separate spatial unit.
2. County Cork is not divided into East and West Riding for occupational data.
3. County Tipperary is not divided into North and South Riding for occupational data.
4. County Antrim includes the Town of Carrickfergus, but excludes the Borough of Belfast. Please note that in the occupational table title it does not state that the data are exclusive of the Borough of Belfast, though examination of the figures reveal this to be the case.
5. County Down data includes that portion of the Borough of Belfast which is located in the county. Belfast spans two counties, Antrim and Down.
6. There are two sets of data for the Borough of Belfast. (a) the county Antrim portion of the Borough. (b) the entire Borough (includes both the county Antrim and County Down portions of the Borough).

Occupations 1871

7. Separate data for the Town of Galway cease to exist; they are included in the Galway county figures.
8. Separate data for the Town of Drogheda cease to exist; they are included in the Louth county figures.
9. Separate data for the City of Kilkenny cease to exist; they are included in the Kilkenny county figures.
- 10 Described for the first time as the county and city of Londonderry.

1. OCCUPATIONS - AGE

. AGE Cohorts.

Column headings in table Census Titles for age cohorts

age_under10	Under 10 years
age10_14	10 and under 15
age15_19	15 and under 20
age20_24	20 and under 25
age25_34	25 and under 35
age35_44	35 and under 45
age45_54	45 and under 55
age55_64	55 and under 65
age65_74	65 and under 75
age_75plus	75 and upwards.
unspc.	Ages unspecified

TABLE STRUCTURE

Name: oc1871_age
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
subgroup_code	varchar	5	yes	no	
occupation	varchar	45	yes	no	3
total	integer	4	yes	no	
age_under10	integer	4	yes	no	
age10_14	integer	2	yes	no	
age15_19	integer	2	yes	no	
age20_24	integer	2	yes	no	
age25_34	integer	2	yes	no	
age35_44	integer	2	yes	no	
age45_54	integer	2	yes	no	
age55_64	integer	2	yes	no	
age65_74	integer	2	yes	no	
age_75plus	integer	2	yes	no	

unspc integer 2 yes no

Occupations 1871

Notes (Printer or computational errors in census table - occupations - age):

County Sligo CC05, MALE, 'CORK CUTTER, MANUFACTURER' total = 3 but only a value of 2 is printed in the age band of '55 and under 65 years', there is therefore a missing value of 1. Since there are blank fields in several age bands it is impossible to tell which should have the missing '1'.

County Armagh, UC02, MALE, 'EARTHENWARE, GLASS-DEALER, IMPORTER' there is a missing value of '1' in the age group '20 and under 35 years'.

County Cavan, UC03, FEMALE, 'HOSIER, HABERDASHER', census error - total = 1, aggregate of age bands = 2.

County Cavan, UC03, FEMALE, 'HOSIERY MANUFACTURE', census error - total = 14, aggregate of age bands = 13.

County Cavan, UC03, MALE, 'PHOTOGRAPHER', census error - total = 0, aggregate of age bands = 1. total value has been changed to '1'

County Donegal, UC04, MALE, 'HUCKSTER, COSTERMONGER', census error - total = 32, aggregate of age bands = 34.

County Donegal, UC04, MALE, 'SHOPKEEPER (BRANCH UNDEFINED), GENERAL DEALER', census error - total = 290, aggregate of age bands = 288.

County Monaghan, UC08, FEMALE, 'WIFE OF BUTCHER', census error - total = 55, aggregate of age bands = 115.

County Monaghan, UC08, FEMALE, 'WIFE FOLLOWING OTHER SPECIFIED OCCUPATION', census error - total = 1293, aggregate of age bands = 1233.

2. OCCUPATIONS - RELIGION

Denominations:

Roman Catholic
 Church of Ireland (In census as 'Protestant Episcopalians').
 Presbyterians
 Methodists
 Others (In census as 'All other Persuasions').

TABLE STRUCTURE

Name: oc1871_rel
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2

occupation	varchar	45	yes	no	3
roman_catholic	integer	4	yes	no	
ch_of_ireland	integer	2	yes	no	
presbyterians	integer	4	yes	no	
methodists	integer	2	yes	no	
others	integer	2	yes	no	

3. OCCUPATIONS - LITERACY

Literacy levels:

Read and write
 Read only
 Neither (In census as 'Neither Read nor Write'.)

TABLE STRUCTURE

Name: oc1871_lit1
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
read_and_write	integer	4	yes	no	
read_only	integer	2	yes	no	
neither	integer	4	yes	no	

Occupations 1871

NOTES

OCCUPATION-RELIGION TABLE

City of Dublin

There is an error in the Religious Profession section of the female occupied population of the City of Dublin for 'Church of Ireland' [Protestant Episcopalian] faith. The census states the total to be 20616, though our aggregation is 19905 and if one adds the individual occupations for females Episcopalians the figure also comes to 19905. This difference may be a printing error.

County Galway

There is a transposition error of 91 in the total figures given for 'Roman Catholics' and 'Church of Ireland' for females in the County Galway (ie) 91 too many Roman Catholics and 91 too few Church of Ireland.

SOURCES: The Census of Ireland for the year 1871,
Province of Leinster BPP1872[C662-I to XIII]lxvii
Province of Munster BPP1873[C873-I to VI]lxvii

Province of Ulster BPP1874[C964-I to X]lxxiv
Province of Connaught BPP1874[C1106-I to VII]lxxiv

OCCUPATIONS IN IRELAND 1881

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u>	<u>Counties:</u>	<u>Counties:</u>	<u>Counties:</u>
Carlow	Clare	Antrim ⁴	Galway & Town ⁷
Dublin	Cork ²	Armagh	Leitrim
Kildare	Kerry	Cavan	Mayo
Kilkenny & City ⁹	Limerick	Donegal	Roscommon
King's County	Tipperary ³	Down ⁵	Sligo
Longford	Waterford	Fermanagh	
Louth & Drogheda ⁸		Londonderry & City ¹⁰	
Meath		Monaghan	
Queen's County		Tyrone	
Westmeath			
Wexford			
<u>City</u>	<u>Cities</u>	<u>Borough</u>	
Dublin ¹	Cork	Belfast ⁶	
	Limerick		
	Waterford		

Notes on Spatial Units

1. The suburbs of Dublin are included in the City of Dublin figures.
2. County Cork is not divided into East and West Riding for occupational data.
3. County Tipperary is not divided into North and South Riding for occupational data.
4. County Antrim includes the Town of Carrickfergus, but excludes the Borough of Belfast.
5. County Down data include that portion of the Borough of Belfast which is located in county. Belfast spans two counties.
6. There are two sets of data for the Borough of Belfast. (a) the county Antrim portion of the Borough. (b) the entire Borough (includes both the county Antrim and County Down portions).
7. Separate data for the Town of Galway cease to exist; they are included in the Galway county figures.
8. Separate data for the Town of Drogheda cease to exist; they are included in the Louth county figures.
9. Separate data for the City of Kilkenny cease to exist; they are included in the Kilkenny county figures.
10. County and City of Londonderry data combined.

1. OCCUPATIONS - AGE

AGE COHORTS

Column headings in table	Census Titles for age cohorts
age_under15	Under 15 years
age15_19	15 and under 20
age20_24	20 and under 25
age25_44	25 and under 45
age45_64	45 and under 65
age 65 plus	65 and upwards
unspc	Ages unspecified

TABLE STRUCTURE

Name: oc1881_age
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
subgroup_code	varchar	5	yes	no	
occupation	varchar	45	yes	no	3
total	integer	4	yes	no	
age_under15	integer	4	yes	no	
age15_19	integer	2	yes	no	
age20_24	integer	2	yes	no	
age25_44	integer	2	yes	no	
age45_64	integer	2	yes	no	
age_65plus	integer	2	yes	no	
unspc	integer	2	yes	no	

2. OCCUPATIONS - RELIGION

Denominations:

Roman Catholic
 Church of Ireland (In census as 'Protestant Episcopalians').
 Presbyterians
 Methodists
 Others (In census as 'All other Persuasions')
 Refused Information

TABLE STRUCTURE

Name: oc1881_rel
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
roman_catholic	integer	4	yes	no	
ch_of_ireland	integer	2	yes	no	
presbyterians	integer	4	yes	no	
methodists	integer	2	yes	no	
others	integer	2	yes	no	
refused info	integer	1	yes	no	

3. OCCUPATIONS - LITERACYLiteracy Levels

Read and write

Read only

Neither (In census as 'Neither read nor write'.)

TABLE STRUCTURE

Name: oc1881_lit
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
read_and_write	integer	4	yes	no	
read_only	integer	2	yes	no	
neither	integer	4	yes	no	

Notes (Printer or computational errors in census table - occupations - age):

OCCUPATION-AGE TABLE.

County Galway CC01A, MALE, CUTLER AND SCISSORS MAKER - there is a missing value in the total column. We have corrected this omission.

County Galway CC01A, MALE, PRINTER there is a missing value in the 'Under 15 years'

County Mayo CC03, FEMALE, CIVIL SERVICE (OFFICERS AND CLERKS) - there is a missing value in '15 and under 20 years' column.

County Mayo. CC03, MALE, 'CARMAN, CARRIER, CARTER, DRAYMAN' there is a census error in the total figure printed, it should read 194 instead of 164.

County Kilkenny, LC04A, MALE, 'POLICE', there is a census error, total given as 414 but aggregate 415.

County Louth, LC07A, MALE, 'BANK SERVICE', there is a census error, total given as 41 but aggregate 21, this deficit is probably in the age group '25 and under 45 years' where a 0 is printed instead of 20.

County Westmeath, LC10, MALE, 'BARGE,LIGHTER,WATER-MAN', there is a census error, aggregate of age groups does not equal the value in the total - aggregate = 11, total = 13.

County Westmeath, LC10, FEMALE, 'CIVIL SERVICE (OFFICERS AND CLERKS)', there is a census error, aggregate of age bands does not equal the value in the total - aggregate = 18, total = 17.

County Cavan UC03, FEMALE, 'BRUSH AND BROOM MAKER', there is a census error, aggregate of age groups does not equal the value in the total - aggregate = 5, total = 6.

County Down. UC05, FEMALE, 'MILLINER,DRESSMAKER,STAYMAKER', there is a census error, total value = 3342, aggregate of age bands = 3332.

County Down. UC05, MALE, 'CIVIL SERVICE (WORKMEN AND MESSENGERS)', there is a census error, aggregate of age groups does not equal the value in the total - aggregate = 74, total = 69.

County Down. UC05, MALE, 'DOMESTIC INDOOR SERVANT', there is a census error, aggregate of age groups does not equal the value in the total - aggregate = 751, total = 752.

County Down. UC05, MALE, 'OIL MILLER;OIL CAKE-MAKER,DEALER', there is a missing value in the age group '45 and under 65 years'.

County Down. UC05, MALE, 'PRISON OFFICER', there is a census error, aggregate of age bands does not equal the value in the total - aggregate of age bands = 11, total = 16.

County Down. UC05, MALE, 'THATCHER', there is a missing value in the age group '65 years and upwards'.

County Down. UC05, MALE, 'WIG MAKER,HAIRDRESSER', there is a missing value in the age group '20 and under 35 years'.

County Tyrone. UC09, MALE, 'LAW CLERK & OTHERS CONNECTED WITH LAW', there is a census error, aggregate of age groups does not equal the value in the total - aggregate of age bands = 67, total = 77.

County Down. UC05

A computation error has been found in the totalling of males in county Down. The Census cites a figure of 128562 males, but on manual and database aggregation the figure is 128550.

OCCUPATION-RELIGION TABLE

County Down.

The total figure of Protestant Episcopalian (males) in County Down is listed in the census as 29,958, though on the basis of the figures printed in the census the figure should be 29,941. The discrepancy may be due to a printer's error.

County Tipperary.

The total figure of Protestant Episcopalian (males) in County Tipperary, is listed in the census as 5,438 though on the basis of the figures printed in the census the figure should be 5,443. The discrepancy may be due to a printer's error.

City of Dublin

The total figure of Protestant Episcopalian (males) in the City of Dublin, is listed in the census as 19,423 though on the basis of the figures printed in the census the figure should be 13,423. The discrepancy may be due to a printer's error.

County Kerry

The total figure of Protestant Episcopalian (males) in the County Kerry, is listed in the census as 3,287 though on the basis of the figures printed in the census the figure should be 3,275. The discrepancy may be due to a printer's error.

OCCUPATION-LITERACY TABLE

County Tyrone.

The total figure of Read Only (males) in the County Tyrone is listed in the census as 15,636 though on the basis of the figures printed in the census the figure should be 15,654. The discrepancy may be due to a printer's error.

County Armagh.

The total figure of Read Only (females) in the County Armagh is listed in the census as 19,242 though on the basis of the figures printed in the census the figure should be 19229. The discrepancy may be due to a printer's error.

County Wexford.

The total figure of Read and Write (females), in the County Wexford is listed in the census as 31,178 though on the basis of the figures printed in the census the total figure should be 31,602; of Read Only females the figure given in the census is 10,960 though on the basis of the printed figures should be 11,050; of 'Neither' (females) the figure given in the census is 20,248 though on the basis of the printed figures should be 20,274. The discrepancies may be due to a printer's error.

County Sligo.

The total figure of Read and Write (females), in the County Sligo is listed in the census as 25,524 though on the basis of the figures printed in the census the total figure should be 25,504.

Sources: The Census of Ireland for the year 1881,
 Province of Leinster BPP1881[C. 3042]xcvii
 Province of Munster BPP1882[C. 3148]lxxvii
 Province of Ulster BPP1882[C. 3204]lxxviii
 Province of Connaught BPP1882[C. 3268]lxxix

OCCUPATIONS IN IRELAND 1891

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u>	<u>Counties:</u>	<u>Counties:</u>	<u>Counties:</u>
Carlow	Clare	Antrim ⁴	Galway & Town ⁷
Dublin ¹	Cork ²	Armagh	Leitrim
Kildare	Kerry	Cavan	Mayo
Kilkenny & City ⁹	Limerick	Donegal	Roscommon
King's County	Tipperary ³	Down ⁵	Sligo
Longford	Waterford	Fermanagh	
Louth & Drogheda ⁸		Londonderry & City ¹⁰	
Meath		Monaghan	
Queen's County		Tyrone	
Westmeath			
Wexford			
<u>City or County Borough</u>	<u>Cities or County Borough</u>	<u>City or County Borough</u>	
Dublin	Cork	Belfast ⁶	
	Limerick		
	Waterford		

Notes on spatial units.

1. The suburbs of Dublin are included in the City of Dublin figures.
2. County Cork is not divided into East and West Riding for occupational data.
3. County Tipperary is not divided into North and South Riding for occupational data.
4. County Antrim includes the Town of Carrickfergus, but excludes the City of Belfast. By 1891 Belfast has been granted city status.
5. County Down data includes that portion of the City of Belfast which is located in county. Belfast spans two counties.
6. There are two sets of data for the City of Belfast. (a) the county Antrim portion of the City. (b) the entire City (includes both the county Antrim and County Down portions).
7. Data for the Town of Galway cease to exist; they are included in the Galway county figures.
8. Data for the Town of Drogheda cease to exist; they are included in the Louth county figures.
9. Data for the City of Kilkenny cease to exist; they are included in the Kilkenny county figures.
10. County and City of Londonderry data combined.

1. OCCUPATIONS - AGE

Age cohorts

Column headings in table	Census Titles for age cohorts
age_under15	Under 15 years
age15_19	15 and under 20
age20_24	20 and under 25
age25_44	25 and under 45
age45_64	45 and under 65
age 65 plus	65 and upwards
unspc	Ages unspecified

TABLE STRUCTURE

Name: oc1891_age
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
subgroup_code	varchar	5	yes	no	
occupation	varchar	45	yes	no	3
total	integer	4	yes	no	
age_under15	integer	4	yes	no	
age15_19	integer	2	yes	no	
age20_24	integer	2	yes	no	
age25_44	integer	2	yes	no	
age45_64	integer	2	yes	no	
age_65plus	integer	2	yes	no	
unspc	integer	2	yes	no	

2. OCCUPATIONS - RELIGION

Denominations:

Roman Catholics
 Church of Ireland (In census as 'Protestant Episcopalians').
 Presbyterians
 Methodists
 Others (In census as 'All other Persuasions')

TABLE STRUCTURE

Name: oc1891_rel
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
roman_catholic	integer	4	yes	no	
ch_of_ireland	integer	2	yes	no	
presbyterians	integer	4	yes	no	
methodists	integer	2	yes	no	
others	integer	2	yes	no	

3. OCCUPATIONS - LITERACYLiteracy Levels

Read and write

Read only

Neither (In census as 'Neither read nor write'.)

TABLE STRUCTURE

Name: oc1891_lit
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
read_and_write	integer	4	yes	no	
read_only	integer	2	yes	no	
neither	integer	4	yes	no	

NOTES:

OCCUPATION-LITERACY TABLE

County Louth.

The total figure of Read Only (females) in County Louth is listed in the census as 17,806 though on the basis of the figures printed in the census the figure should be 17,752. The discrepancy may be due to a printer's error.

Occupations 1891

OCCUPATION-RELIGION TABLE

County Dublin.

The total figure of Roman Catholic (males) in County Dublin is listed in the census as 56,099 though on the basis of the figures printed in the census the figure should be 56,032. The discrepancy may be due to a printer's error.

County Dublin.

The total figure of Methodists (females) in County Dublin is listed in the census as 1,825 though on the basis of the figures printed in the census the figure should be 1,925. The discrepancy may be due to a printer's error.

County Galway.

The total figure of Roman Catholics (males) in county Galway is listed in the census as 104,973 though on the basis of the figures printed the figure should be 104,926.

Sources: The census of Ireland for the year 1891,

<u>Province of Leinster</u>	BPP1890-1[C. 6515]xcv
<u>Province of Munster</u>	BPP1892[C. 6567]xci
<u>Province of Ulster</u>	BPP1892[C. 6626]xcii
<u>Province of Connaught</u>	BPP1892[C. 6685]xciii

OCCUPATIONS IN IRELAND 1901

The Local Government (Ireland) Act 1898 adjusted county boundaries

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u> Carlow Dublin ¹ Kildare Kilkenny & City ⁹ King's County Longford Louth & Drogheda ⁸ Meath Queen's County Westmeath Wexford	<u>Counties:</u> Clare Cork ² Kerry Limerick Tipperary ³ Waterford	<u>Counties:</u> Antrim ⁴ Armagh Cavan Donegal Down ⁵ Fermanagh Londonderry Monaghan Tyrone	<u>Counties:</u> Galway & City ⁷ Leitrim Mayo Roscommon Sligo
<u>City or County Borough</u> Dublin	<u>Cities or County Borough</u> Cork Limerick Waterford	<u>Cities or County Borough</u> Belfast ⁶ Londonderry ¹⁰	

Notes on spatial units.

Note that the Local Government (Ireland) Act 1898 re-arranged the territorial divisions of the country. With regard to the spatial units of the occupational data, changes are few, see notes 4, 5 and 10.

1. The suburbs of Dublin are included in the City of Dublin figures.
2. County Cork is not divided into East and West Riding for occupational data.
3. County Tipperary is not divided into North and South Riding for occupational data.
4. County Antrim includes the Town of Carrickfergus, but excludes the City of Belfast.
5. County Down data exclusive of that portion of the City of Belfast which is located in county. Belfast spans two counties - Antrim and Down.
6. There is only one set of data for the City of Belfast (the entire City which includes both the county Antrim and County Down portions).
7. Separate data for the Town of Galway cease to exist; they are included in the Galway county figures.
8. Separate data for the Town of Drogheda cease to exist; they are included in the Louth county figures.
9. Separate data for the City of Kilkenny cease to exist; they are included in the Kilkenny county figures.

10. City of Londonderry data separated from the county data.

1. OCCUPATIONS - AGE

Age cohorts

Column headings in table	Census Titles for age cohorts
age_under15	Under 15 years
age15_19	15 and under 20
age20_24	20 and under 25
age25_44	25 and under 45
age45_64	45 and under 65
age 65 plus	65 and upwards

TABLE STRUCTURE

Name: oc1901_age
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
subgroup_code	varchar	5	yes	no	
occupation	varchar	45	yes	no	3
total	integer	4	yes	no	
age_under15	integer	4	yes	no	
age15_19	integer	2	yes	no	
age20_24	integer	2	yes	no	
age25_44	integer	2	yes	no	
age45_64	integer	2	yes	no	
age_65plus	integer	2	yes	no	

Notes (Printer or computational errors in census table - occupations - age)

1

2. OCCUPATIONS - RELIGION

Denominations:

Roman Catholics
 Church of Ireland (In census as 'Protestant Episcopaians').
 Presbyterians
 Methodists
 Others (In census as 'All other Persuasions')

TABLE STRUCTURE

Name: oc1901_rel
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
roman_catholic	integer	4	yes	no	
ch_of_ireland	integer	2	yes	no	
presbyterians	integer	4	yes	no	
methodists	integer	2	yes	no	
others	integer	2	yes	no	

3. OCCUPATIONS - LITERACYLiteracy Levels

Read and write

Read only

Neither (In census as 'Neither read nor write'.)

Table Structure

Name: oc1901_lit
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
read_and_write	integer	4	yes	no	
read_only	integer	2	yes	no	
neither	integer	4	yes	no	

Notes

Sources: Census of Ireland for the year 1901,Province of Leinster

BPP 1902[Cd. 847]cxxii

Province of Munster

BPP 1902[Cd. 1058]cxxiv

Province of Ulster

BPP 1902[Cd. 1123]cxxvi, cxxvii

Province of Connaught

BPP 1902[Cd. 1059]cxxviii

OCCUPATIONS IN IRELAND 1911

SPATIAL UNITS

PROVINCE OF LEINSTER	PROVINCE OF MUNSTER	PROVINCE OF ULSTER	PROVINCE OF CONNAUGHT
<u>Counties:</u> Carlow Dublin Kildare Kilkenny & City ⁹ King's County Longford Louth & Drogheda ⁸ Meath Queen's County Westmeath Wexford	<u>Counties:</u> Clare Cork ² Kerry Limerick Tipperary ³ Waterford	<u>Counties:</u> Antrim ⁴ Armagh Cavan Donegal Down ⁵ Fermanagh Londonderry Monaghan Tyrone	<u>Counties:</u> Galway & Town ⁷ Leitrim Mayo Roscommon Sligo
<u>City or County Borough</u> Dublin	<u>Cities or County Borough</u> Cork Limerick Waterford	<u>City or County Borough</u> Belfast ⁶ Londonderry ¹⁰	

Notes on spatial units.

1. The suburbs of Dublin are included in the City of Dublin figures.
2. County Cork is not divided into East and West Riding for occupational data.
3. County Tipperary is not divided into North and South Riding for occupational data.
4. County Antrim includes the Town of Carrickfergus, but excludes the City of Belfast. By 1891 Belfast has been granted city status.
5. County Down data includes that portion of the City of Belfast which is located in county. Belfast spans two counties.
6. There is only one set of data for the City of Belfast for the entire City (includes both the county Antrim and County Down portions).
7. Separate data for the Town of Galway cease to exist; they are included in the Galway county figures.
8. Separate data for the Town of Drogheda cease to exist; they are included in the Louth county figures.
9. Separate data for the City of Kilkenny cease to exist; they are included in the Kilkenny county figures.
10. City of Londonderry data separated from the county data.

1. OCCUPATIONS - AGE

Age cohorts

Column headings in table	Census Titles for age cohorts
age_under15	Under 15 years
age15_19	15 and under 20
age20_24	20 and under 25
age25_44	25 and under 45
age45_64	45 and under 65
age 65 plus	65 and upwards

Table format

Name: oc1911
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq.
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
subgroup_code	varchar	5	yes	no	
occupation	varchar	45	yes	no	3
total	integer	4	yes	no	
age_under15	integer	4	yes	no	
age15_19	integer	2	yes	no	
age20_24	integer	2	yes	no	
age25_44	integer	2	yes	no	
age45_64	integer	2	yes	no	
age_65plus	integer	2	yes	no	

Notes (Printer or computational errors in census table - occupations - age):

1. County, Armagh UC02, FEMALE, 'PERSONS NOT RETURNED AS FOLLOWING ANY OCCUPATION' Census total 45,881 aggregate total of age groups 45,880.
2. City of Cork MC02C01, MALE, 'PERSONS NOT RETURNED AS FOLLOWING ANY OCCUPATION' Census total 13,931 aggregate total of age groups 13,929.
3. County Wicklow LC12, FEMALE, 'TEACHER' Census total 69 aggregate total of age groups 63.
4. County Louth LC07A, MALE, 'THEOLOGICAL STUDENT' Census total 3 aggregate total of age groups 2.
5. County Louth LC07A, MALE, 'CLERGY PROTESTANT EPISCOPALIAN' Census total 22 aggregate total of age groups 23.

2. OCCUPATIONS - RELIGION

Denominations:

Roman Catholics
 Church of Ireland (In census as 'Protestant Episcopalians').
 Presbyterians
 Methodists
 Others (In census as 'All other Persuasions')

Table Structure

Name: oc1911_rel
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
roman_catholic	integer	4	yes	no	
ch_of_ireland	integer	2	yes	no	
presbyterians	integer	4	yes	no	
methodists	integer	2	yes	no	
others	integer	2	yes	no	

3. OCCUPATIONS - LITERACY

Literacy Levels

Read and write
 Read only
 Neither (In census as 'Neither read nor write'.)

Table structure

Name: oc1911_lit
 Type: user table
 Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
sex	varchar	2	yes	no	2
occupation	varchar	45	yes	no	3
read_and_write	integer	4	yes	no	
read_only	integer	2	yes	no	
neither	integer	4	yes	no	

Sources: The Census of Ireland for the year 1911,

Province of Leinster BPP 1912-13[Cd. 6049]cxiv
Province of Munster BPP 1912-13[Cd. 6050]cxv
Province of Ulster BPP 1912-13[Cd. 6051]cxvi
Province of Connaught BPP 1912-13[Cd. 6052]cxvii

OCCUPATIONAL CODES

In order to reduce the size of the unclassified group and - more importantly - to make the Irish data for 1841 comparable to that for later decades and for other parts of the British Isles, we have ordered the occupations according to the scheme suggested by Professor Armstrong in 1972 and based on the work done by Charles Booth in 1886. (W.A. Armstrong, "The use of information about occupation", in E.A. Wrigley, ed., Nineteenth-century society: essays in the use of quantitative methods for the study of social data. Cambridge, 1972) Working back from the census of 1881, Booth arranged occupations into eleven divisions. Armstrong reduced this number to nine by combining agriculture and fishing and by excluding "other (property owning and independents: indefinite occupations)" from the occupied population. There is, in fact, a residual category - paupers - that has been useful to retain.

C.H. Lee (C.H. Lee, British regional employment statistics 1841-1971. Cambridge, 1979) has criticised the Armstrong-Booth classification, and indeed the census commissioners themselves, for relying too heavily on the details of occupations given by householders who may have been illiterate, mendacious or merely confused. Nevertheless, the Armstrong-Booth system is widely used since it facilitates spatial and temporal comparisons. It also retains the spirit of the commissioners in 1841 who were guided by the individual's perception of the "chief business" of his life.

The Armstrong-Booth classification provides the structure for the county tables. It has proved remarkably comprehensive. Inevitably the Irish census gatherers recorded a few occupations at the county level that do not appear in Armstrong's alphabetical consolidated list of all occupations. But these were very few indeed and they have been readily accommodated into the scheme. The major difficulty, as Armstrong recognised, is that the system implies a more rigid dichotomy between manufacturing and dealing than existed in practice. However, because the groupings retain a high degree of detail it is possible for the historian to regroup the material to suit his or her own purposes.

Within the Armstrong-Booth classification, the occupational descriptions have been entered into the tables almost as they appear in the census, tagged with the codes devised by Armstrong. We have departed from the census descriptions in just one respect. When the census tables were printed there were minor variations from county to county in the treatment of compound nouns (e.g. "harnessmaker", "harness maker", "harness-maker").

NOTES FOR ASSEMBLING THE OCCUPATIONAL DATABASE.

1. TABLE NAME

county_id

TABLE STRUCTURE

Name: county_id

Type: user table

Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
name	varchar	30	yes	no	1
county_id	varchar	8	yes	no	
notes	varchar	50	yes	no	

2. TABLE NAME

Oc1841_age (example)

TABLE STRUCTURE

Name: oc1841_age

Type: user table

Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
county_id	varchar	8	yes	no	1
year	varchar	4	yes	no	
subgroup_code	varchar	5	yes	no	
occupation	varchar	45	yes	no	2
total_males	integer	4	yes	no	
total_females	integer	4	yes	no	
males15andmore	integer	4	yes	no	
females15andmore	integer	4	yes	no	
malesunder15	integer	2	yes	no	
femalesunder15	integer	2	yes	no	

Look up tables

3. TABLE NAME

Occodes

TABLE STRUCTURE

Name: occodes

Type: user table

Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
occupational_groups	varchar	35	yes	no	
code	varchar	5	yes	no	

4. TABLE NAME

ocsubgroups

TABLE STRUCTURE

Name: ocsubgroups

Type: user table

Version: ING6.0

Column Information:

Column Name	Type	Length	Nulls	Defaults	Key Seq
codes	varchar	5	yes	no	
occupational_subgroups	varchar	35	yes	no	
subgroup_code	varchar	5	yes	no	

FILE NAMES

Explanatory files

Notes to accompany occupational data OCNOTES1.DOC
 Notes for assembling the occupational database TABST.DAT

Occupational Code files

Broad occupational codes OCCODES.DAT
 Occupational codes at more detailed level OCSUBGRP.DAT

Spatial code file

COUNTYID.DOC

Occupational Data file names

Occupations in Ireland 1831	OC1831AG.DAT
Occupations in Ireland 1841	OC1841AG.DAT
Occupations in Ireland 1851	OC1851A.DAT [PART 1]
Occupations in Ireland 1851	OC1851B.DAT [PART 2]
Occupations in Ireland 1861	OC1861T.DAT
Occupations in Ireland 1871	
Age	AG1871OC.DOC
Literacy	LT1871OC.DOC
Religion	OC1871R1.DOC [PART 1]
Religion	OC1871R2.DOC [PART 2]
Occupations in Ireland 1881	
Age	AG1881OC.DOC
Literacy	LT1881OC.DOC
Religion	OC1881R1.DOC [PART 1]
	OC1881R2.DOC [PART 2]
Occupations in Ireland 1891	
Age	AG1891OC.DOC
Literacy	LT1891OC.DOC
Religion	RL1891OC.DOC
Occupations in Ireland 1901	
Age	AG1901OC.DOC
Literacy	LT1901OC.DOC
Religion	RL1901OC.DOC
Occupations in Ireland 1911	
Age	AG1911OC.DOC
Literacy	LT1911OC.DOC
Religion	RL1911OC.DOC

Image Files

1841

1851

1861

S_OCC41A.GIF	S_OCC51A.GIF	S_OCC61A.GIF
S_OCC41B.GIF	S_OCC51B.GIF	S_OCC61B.GIF
S_OCC41C.GIF	S_OCC51C.GIF	S_OCC61C.GIF
S_OCC41D.GIF	S_OCC51D.GIF	
S_OCC41E.GIF	S_OCC51E.GIF	
S_OCC41F.GIF		
S_OCC41G.GIF		

1871

S_OC711.GIF	S_OC7112.GIF	S_OC7123.GIF
S_OC712.GIF	S_OC7113.GIF	S_OC7124.GIF
S_OC713.GIF	S_OC7114.GIF	S_OC7125.GIF
S_OC714.GIF	S_OC7115.GIF	S_OC7126.GIF
S_OC715.GIF	S_OC7116.GIF	S_OC7127.GIF
S_OC716.GIF	S_OC7117.GIF	S_OC7128.GIF
S_OC717.GIF	S_OC7118.GIF	S_OC7129.GIF
S_OC718.GIF	S_OC7119.GIF	S_OC7130.GIF
S_OC719.GIF	S_OC7120.GIF	S_OC7131.GIF
S_OC7110.GIF	S_OC7121.GIF	S_OC7132.GIF
S_OC7111.GIF	S_OC7122.GIF	S_OC7133.GIF

1881

S_OCC811.GIF
S_OCC812.GIF
S_OCC813.GIF
S_OCC814.GIF
S_OCC815.GIF
S_OCC816.GIF
S_OCC817.GIF

1891

S_OCC911.GIF
S_OCC912.GIF
S_OCC913.GIF
S_OCC914.GIF
S_OCC915.GIF
S_OCC916.GIF
S_OCC917.GIF

1901

S_OCC011.GIF
S_OCC012.GIF
S_OCC013.GIF
S_OCC014.GIF
S_OCC015.GIF

1911

S_OCC111.GIF
S_OCC112.GIF
S_OCC113.GIF
S_OCC114.GIF
S_OCC115.GIF