

# Table Generation Examples with Footers

## 1. Simple Table (Equal Width Columns)

Basic table with equal-width columns and simple borders.

Country	Capital	Area (sq km)	Population
Austria	Vienna	83,871	8,859,000
Belgium	Brussels	30,528	11,515,000
France	Paris	551,695	67,750,000
Germany	Berlin	357,022	83,240,000
Italy	Rome	301,340	60,360,000

## 1b. Simple Table with Grand Footer

Simple table with grand footer showing total population.

Country	Capital	Area (sq km)	Population
Austria	Vienna	83,871	8859000
Belgium	Brussels	30,528	11515000
France	Paris	551,695	67750000
Germany	Berlin	357,022	83240000
Italy	Rome	301,340	60360000
Total Population:			231724000,

## 1c. Simple Table with Intermediate Footer (Grouped)

Simple table with intermediate footers showing subtotals per region. Data is grouped by the Region column.

Region	Product	Sales
East	Widget A	12500
East	Widget B	8900
East	Widget C	15200
Subtotal for East		\$36600,
South	Widget A	7600
South	Widget B	9100
Subtotal for South		\$16700,
West	Widget A	9800
West	Widget B	11200
West	Widget C	13500
Subtotal for West		\$34500,
GRAND TOTAL		\$87800,

## 2. Improved Table (Custom Column Widths)

Table with custom column widths and automatic number alignment.

Country	Capital	Area (sq km)	Population
Austria	Vienna	83,871	8,859,000
Belgium	Brussels	30,528	11,515,000
France	Paris	551,695	67,750,000
Germany	Berlin	357,022	83,240,000
Italy	Rome	301,340	60,360,000

## 2b. Improved Table with Grand Footer

Improved table with grand footer showing total area and population.

Country	Capital	Area (sq km)	Population
Austria	Vienna	83871	8859000
Belgium	Brussels	30528	11515000
France	Paris	551695	67750000
Germany	Berlin	357022	83240000
Italy	Rome	301340	60360000
TOTALS:		1324456,	231724000,

## 2c. Improved Table with Intermediate Footer (Grouped)

Improved table with custom column widths, intermediate footers showing subtotals per category, and grand total.

Category	Item	Qty	Amount
Equipment	Laptop	1	1299.99
Equipment	Monitor	2	398
Subtotal for Equipment			\$1697.99
Office	Paper Reams	5	45.5
Office	Pens Box	3	18.75
Office	Staplers	2	24
Subtotal for Office			\$88.25
Travel	Flight	1	450
Travel	Hotel	2	280
Travel	Meals	4	96.5
Subtotal for Travel			\$826.50
GRAND TOTAL			\$2612.74

## 3. Fancy Table (With Colors)

Styled table with colored header and alternating row colors.

Country	Capital	Area (sq km)	Population
Austria	Vienna	83,871	8,859,000
Belgium	Brussels	30,528	11,515,000
France	Paris	551,695	67,750,000
Germany	Berlin	357,022	83,240,000
Italy	Rome	301,340	60,360,000

## 4. Sales Report Table

Professional sales report with numeric data formatting.

Product	Price	Qty	Total
Professional Services	150.00	8	1200.00
Software License	599.99	3	1799.97
Hardware Bundle	1299.50	2	2599.00
Training Session	450.00	4	1800.00
Support Contract	2500.00	1	2500.00

## 5. Multi-Page Table (Pagination)

Large dataset demonstrating automatic page breaks. Table spans multiple pages with 100 rows of employee data. Headers automatically repeat on each new page.

Employee Name	Department	ID	Salary (\$)
John Smith	Engineering	EMP001	45500
Jane Johnson	Sales	EMP002	46000
Michael Williams	Marketing	EMP003	46500
Sarah Brown	HR	EMP004	47000
David Jones	Finance	EMP005	47500
Emma Garcia	Operations	EMP006	48000
James Miller	IT	EMP007	48500
Lisa Davis	Legal	EMP008	49000
Robert Rodriguez	R&D	EMP009	49500
Maria Martinez	Support	EMP010	50000
William Taylor	Engineering	EMP011	50500
Emily Anderson	Sales	EMP012	51000
Daniel Wilson	Marketing	EMP013	51500
Sophia Moore	HR	EMP014	52000
Matthew Jackson	Finance	EMP015	52500
John Smith	Operations	EMP016	53000
Jane Johnson	IT	EMP017	53500
Michael Williams	Legal	EMP018	54000
Sarah Brown	R&D	EMP019	54500
David Jones	Support	EMP020	55000
Emma Garcia	Engineering	EMP021	55500
James Miller	Sales	EMP022	56000
Lisa Davis	Marketing	EMP023	56500
Robert Rodriguez	HR	EMP024	57000
Maria Martinez	Finance	EMP025	57500
William Taylor	Operations	EMP026	58000
Emily Anderson	IT	EMP027	58500
Daniel Wilson	Legal	EMP028	59000
Sophia Moore	R&D	EMP029	59500
Matthew Jackson	Support	EMP030	60000
John Smith	Engineering	EMP031	60500
Jane Johnson	Sales	EMP032	61000
Michael Williams	Marketing	EMP033	61500
Sarah Brown	HR	EMP034	62000
David Jones	Finance	EMP035	62500
Emma Garcia	Operations	EMP036	63000
James Miller	IT	EMP037	63500
Lisa Davis	Legal	EMP038	64000
Robert Rodriguez	R&D	EMP039	64500
Maria Martinez	Support	EMP040	65000
William Taylor	Engineering	EMP041	65500
Emily Anderson	Sales	EMP042	66000
Daniel Wilson	Marketing	EMP043	66500
Sophia Moore	HR	EMP044	67000
Matthew Jackson	Finance	EMP045	67500
John Smith	Operations	EMP046	68000
Jane Johnson	IT	EMP047	68500

Employee Name	Department	ID	Salary (\$)
Michael Williams	Legal	EMP048	69000
Sarah Brown	R&D	EMP049	69500
David Jones	Support	EMP050	70000
Emma Garcia	Engineering	EMP051	70500
James Miller	Sales	EMP052	71000
Lisa Davis	Marketing	EMP053	71500
Robert Rodriguez	HR	EMP054	72000
Maria Martinez	Finance	EMP055	72500
William Taylor	Operations	EMP056	73000
Emily Anderson	IT	EMP057	73500
Daniel Wilson	Legal	EMP058	74000
Sophia Moore	R&D	EMP059	74500
Matthew Jackson	Support	EMP060	75000
John Smith	Engineering	EMP061	75500
Jane Johnson	Sales	EMP062	76000
Michael Williams	Marketing	EMP063	76500
Sarah Brown	HR	EMP064	77000
David Jones	Finance	EMP065	77500
Emma Garcia	Operations	EMP066	78000
James Miller	IT	EMP067	78500
Lisa Davis	Legal	EMP068	79000
Robert Rodriguez	R&D	EMP069	79500
Maria Martinez	Support	EMP070	80000
William Taylor	Engineering	EMP071	80500
Emily Anderson	Sales	EMP072	81000
Daniel Wilson	Marketing	EMP073	81500
Sophia Moore	HR	EMP074	82000
Matthew Jackson	Finance	EMP075	82500
John Smith	Operations	EMP076	83000
Jane Johnson	IT	EMP077	83500
Michael Williams	Legal	EMP078	84000
Sarah Brown	R&D	EMP079	84500
David Jones	Support	EMP080	85000
Emma Garcia	Engineering	EMP081	85500
James Miller	Sales	EMP082	86000
Lisa Davis	Marketing	EMP083	86500
Robert Rodriguez	HR	EMP084	87000
Maria Martinez	Finance	EMP085	87500
William Taylor	Operations	EMP086	88000
Emily Anderson	IT	EMP087	88500
Daniel Wilson	Legal	EMP088	89000
Sophia Moore	R&D	EMP089	89500
Matthew Jackson	Support	EMP090	90000
John Smith	Engineering	EMP091	90500
Jane Johnson	Sales	EMP092	91000
Michael Williams	Marketing	EMP093	91500
Sarah Brown	HR	EMP094	92000
David Jones	Finance	EMP095	92500
Emma Garcia	Operations	EMP096	93000
James Miller	IT	EMP097	93500
Lisa Davis	Legal	EMP098	94000
Robert Rodriguez	R&D	EMP099	94500

## 6. Table with Grand Footer (Totals)

Demonstrates grand footer with sum and count calculations.

```
SELECT product AS Product, price AS Price, qty AS Qty, total AS Total FROM sales
```

Product	Price	Qty	Total
Professional Services	150	8	1200
Software License	599.99	3	1799.97
Hardware Bundle	1299.5	2	2599
Training Session	450	4	1800
Support Contract	2500	1	2500
TOTAL		18, (5)	\$9898,97

## 7. Multi-Page Table with Grand Footer

Large dataset demonstrating grand footer at the end of a multi-page table. Table spans multiple pages with 50 sales records, but the grand total only appears once at the very end.

```
SELECT product AS Product, price AS Price, qty AS Qty, total AS Total FROM sales
```

Product	Price	Qty	Total
Professional Services	127.5	1	127.5
Software License	155	2	310
Hardware Bundle	182.5	3	547.5
Training Session	210	4	840
Support Contract	237.5	5	1187.5
Consulting Hours	265	1	265
Cloud Subscription	292.5	2	585
Premium Support	320	3	960
Professional Services	347.5	4	1390
Software License	375	5	1875
Hardware Bundle	402.5	1	402.5
Training Session	430	2	860
Support Contract	457.5	3	1372.5
Consulting Hours	485	4	1940
Cloud Subscription	512.5	5	2562.5
Premium Support	540	1	540
Professional Services	567.5	2	1135
Software License	595	3	1785
Hardware Bundle	622.5	4	2490
Training Session	650	5	3250
Support Contract	677.5	1	677.5
Consulting Hours	705	2	1410
Cloud Subscription	732.5	3	2197.5
Premium Support	760	4	3040
Professional Services	787.5	5	3937.5
Software License	815	1	815
Hardware Bundle	842.5	2	1685
Training Session	870	3	2610
Support Contract	897.5	4	3590
Consulting Hours	925	5	4625
Cloud Subscription	952.5	1	952.5
Premium Support	980	2	1960
Professional Services	1007.5	3	3022.5
Software License	1035	4	4140
Hardware Bundle	1062.5	5	5312.5
Training Session	1090	1	1090
Support Contract	1117.5	2	2235
Consulting Hours	1145	3	3435
Cloud Subscription	1172.5	4	4690
Premium Support	1200	5	6000
Professional Services	1227.5	1	1227.5
Software License	1255	2	2510
Hardware Bundle	1282.5	3	3847.5
Training Session	1310	4	5240
Support Contract	1337.5	5	6687.5
Consulting Hours	1365	1	1365



Product	Price	Qty	Total
Cloud Subscription	1392.5	2	2785
Premium Support	1420	3	4260
Professional Services	1447.5	4	5790
Software License	1475	5	7375
GRAND TOTAL	150, items (...)		\$122937,50

## 8. Table with Intermediate Footers (Subtotals by Region)

Demonstrates intermediate footers showing subtotals when the Region column changes. Each region gets its own subtotal before moving to the next region.

```
SELECT region AS Region, product AS Product, qty AS Qty, total AS Total FROM sales ORDER BY region
```

Region	Product	Qty	Total
East	Professional Services	5	750
East	Software License	3	1799.97
East	Training Session	2	900
Subtotal for East		10,	\$3449,97
South	Software License	6	3599.94
South	Training Session	8	3600
South	Hardware Bundle	1	1299.5
Subtotal for South		15,	\$8499,44
West	Hardware Bundle	4	5198
West	Support Contract	2	5000
West	Professional Services	3	450
Subtotal for West		9,	\$10648,00
GRAND TOTAL		34,	\$22597,41

## 9. Multi-Page Table with Subtotals and Grand Total

Demonstrates a multi-page table (90 rows across 3 regions) with intermediate footers showing regional subtotals and a grand total at the end. Each region has 30 sales records.

```
SELECT region AS Region, product AS Product, qty AS Qty, total AS Total FROM sales ORDER BY region
```

Region	Product	Qty	Total
East	Professional Services	1	63.75
East	Software License	2	155
East	Hardware Bundle	3	273.75
East	Training Session	4	420
East	Support Contract	5	593.75
East	Consulting Hours	6	795
East	Cloud Subscription	7	1023.75
East	Premium Support	8	1280
East	Implementation	1	173.75
East	Maintenance	2	375
East	Professional Services	3	603.75
East	Software License	4	860
East	Hardware Bundle	5	1143.75
East	Training Session	6	1455
East	Support Contract	7	1793.75
East	Consulting Hours	8	2160
East	Cloud Subscription	1	283.75
East	Premium Support	2	595
East	Implementation	3	933.75
East	Maintenance	4	1300
East	Professional Services	5	1693.75
East	Software License	6	2115
East	Hardware Bundle	7	2563.75
East	Training Session	8	3040
East	Support Contract	1	393.75
East	Consulting Hours	2	815
East	Cloud Subscription	3	1263.75
East	Premium Support	4	1740
East	Implementation	5	2243.75
East	Maintenance	6	2775
Subtotal for East		129, items (30 ro...	\$34926,25
South	Professional Services	1	431.5
South	Software License	2	886
South	Hardware Bundle	3	1363.5
South	Training Session	4	1864
South	Support Contract	5	2387.5
South	Consulting Hours	6	2934
South	Cloud Subscription	1	500.5
South	Premium Support	2	1024
South	Implementation	3	1570.5
South	Maintenance	4	2140
South	Professional Services	5	2732.5

Region	Product	Qty	Total
South	Software License	6	3348
South	Hardware Bundle	1	569.5
South	Training Session	2	1162
South	Support Contract	3	1777.5
South	Consulting Hours	4	2416
South	Cloud Subscription	5	3077.5
South	Premium Support	6	3762
South	Implementation	1	638.5
South	Maintenance	2	1300
South	Professional Services	3	1984.5
South	Software License	4	2692
South	Hardware Bundle	5	3422.5
South	Training Session	6	4176
South	Support Contract	1	707.5
South	Consulting Hours	2	1438
South	Cloud Subscription	3	2191.5
South	Premium Support	4	2968
South	Implementation	5	3767.5
South	Maintenance	6	4590
Subtotal for South		105, items (30 ro...	\$63822,50
West	Professional Services	5	3321.25
West	Software License	6	4041
West	Hardware Bundle	7	4779.25
West	Training Session	1	692
West	Support Contract	2	1402.5
West	Consulting Hours	3	2131.5
West	Cloud Subscription	4	2879
West	Premium Support	5	3645
West	Implementation	6	4429.5
West	Maintenance	7	5232.5
West	Professional Services	1	756.75
West	Software License	2	1532
West	Hardware Bundle	3	2325.75
West	Training Session	4	3138
West	Support Contract	5	3968.75
West	Consulting Hours	6	4818
West	Cloud Subscription	7	5685.75
West	Premium Support	1	821.5
West	Implementation	2	1661.5
West	Maintenance	3	2520
West	Professional Services	4	3397
West	Software License	5	4292.5
West	Hardware Bundle	6	5206.5
West	Training Session	7	6139
West	Support Contract	1	886.25
West	Consulting Hours	2	1791
West	Cloud Subscription	3	2714.25

Region	Product	Qty	Total
West	Premium Support	4	3656
West	Implementation	5	4616.25
West	Maintenance	6	5595
Subtotal for West		123, items (30 ro...	\$98075,25
GRAND TOTAL (All Regions)		357, items (90 ro...	\$196824,00