

## 1 NF

StoreN (PK)	Sales \$m	Wages \$m	NoStaff	Location	Loc'n (Num)	State	State (Num)	AgeYrs	GrossProfit	Adv_1000	Competitors	HrsTrading	Sundays	sundays	Mng-Sex	Mng-Sex (Num)	Mng-Age	Mng-Exp	Mng-Train	Union%	Car Spaces	HomeDel	HomeDel (Num)	Basket:2013	Basket:2014	Gross_Margin	Profit_after_wage	
1	12.5	2.3	60	Mall	2	NSW	1	10	0.712	171	3	110	Sun-No		0	Male	0	33	12	2	38	46	Del-No	0	\$171.00	\$178.00	5.7	10.2
2	14.5	2.7	69	Mall	2	Vic	2	8	0.091	213	5	134	Sun-No		0	Male	0	33	16	1	38	73	Del-No	0	\$168.00	\$178.00	0.6	11.8
3	19	3.1	79	Country	3	Vic	2	7	1.075	255	2	98	Sun-Yes		1	Male	0	30	9	2	39	64	Del-No	0	\$180.00	\$188.00	5.7	15.9
4	18.2	2.6	66	Mall	2	Qld	1	7	1.372	287	1	85	Sun-Yes		1	Male	0	29	9	2	38	66	Del-Yes	1	\$173.00	\$180.00	7.5	15.6
5	7.6	2	51	Strip	1	Qld	3	15	2.148	112	0	72	Sun-Yes		1	Male	0	36	4	3	40	29	Del-No	0	\$166.00	\$171.00	28.3	5.6
6	18.5	2.7	62	Country	3	Vic	2	6	2.019	238	0	77	Sun-Yes		1	Male	0	32	15	4	37	40	Del-Yes	1	\$183.00	\$192.00	10.9	15.8
7	13.1	2.4	61	Country	3	NSW	1	7	0.662	124	2	100	Sun-Yes		1	Male	0	52	15	3	37	69	Del-No	0	\$182.00	\$191.00	5.1	10.7
8	14.9	2.5	59	Mall	2	NSW	1	6	0.7	214	2	95	Sun-No		0	Male	0	41	4	3	36	45	Del-Yes	1	\$173.00	\$181.00	4.7	12.4
9	17.1	2.7	65	Country	3	WA	5	8	0.937	215	3	112	Sun-No		0	Male	0	31	12	5	40	42	Del-No	0	\$183.00	\$191.00	5.5	14.4
10	9.2	2.1	55	Strip	1	Vic	2	16	0.065	154	5	135	Sun-Yes		1	Female	1	42	13	2	43	34	Del-No	0	\$158.00	\$165.00	0.7	7.1
11	10.3	2.2	65	Mall	2	Vic	2	10	2.144	97	2	100	Sun-No		0	Male	0	32	8	2	40	51	Del-No	0	\$174.00	\$180.00	20.8	8.1

## 2 NF

StoreN (PK)	AgeYrs	State	Location	NoStaff	Competitors	HrsTrading	ManagerNo
1	10	NSW	Mall	60	3	110	1
2	8	Vic	Mall	69	5	134	2
3	7	Vic	Country	79	2	98	3
4	7	Qld	Mall	66	1	85	4
5	15	Qld	Strip	51	0	72	5
6	6	Vic	Country	62	0	77	6
7	7	NSW	Country	61	2	100	7
8	6	NSW	Mall	59	2	95	8
9	8	WA	Country	65	3	112	9
10	16	Vic	Strip	55	5	135	10
11	10	Vic	Mall	65	2	100	11

StoreN (PK)	Sales \$m	GrossProfit	HomeDel	Car Spaces
1	12.5	0.712	Del-No	46
2	14.5	0.091	Del-No	73
3	19	1.075	Del-No	64
4	18.2	1.372	Del-Yes	66
5	7.6	2.148	Del-No	29
6	18.5	2.019	Del-Yes	40
7	13.1	0.662	Del-No	69
8	14.9	0.7	Del-Yes	45
9	17.1	0.937	Del-No	42
10	9.2	0.065	Del-No	34
11	10.3	2.144	Del-No	51

## Financial Analysis

StoreN (PK)	Wages \$m	Adv_1000	Basket:2013	Basket:2014	Gross_Margin	Profit_after_wage
1	2.3	171	\$171.00	\$178.00	5.7	10.2
2	2.7	213	\$168.00	\$178.00	0.6	11.8
3	3.1	255	\$180.00	\$188.00	5.7	15.9
4	2.6	287	\$173.00	\$180.00	7.5	15.6
5	2	112	\$166.00	\$171.00	28.3	5.6
6	2.7	238	\$183.00	\$192.00	10.9	15.8
7	2.4	124	\$182.00	\$191.00	5.1	10.7
8	2.5	214	\$173.00	\$181.00	4.7	12.4
9	2.7	215	\$183.00	\$191.00	5.5	14.4
10	2.1	154	\$158.00	\$165.00	0.7	7.1
11	2.2	97	\$174.00	\$180.00	20.8	8.1

## Employees

StoreN (PK)	NoStaff	Union%	Mng-Age	Mng-Exp	Mng-Train	Mng-Sex	ManagerNo
1	60	38	33	12	2	Male	1
2	69	38	33	16	1	Male	2
3	79	39	30	9	2	Male	3
4	66	38	29	9	2	Male	4
5	51	40	36	4	3	Male	5
6	62	37	32	15	4	Male	6
7	61	37	52	15	3	Male	7
8	59	36	41	4	3	Male	8
9	65	40	31	12	5	Male	9
10	55	43	42	13	2	Female	10
11	65	40	32	8	2	Male	11

## 3NF

StoreN (PK)	Location	AgeYrs	State	ManagerNo (FK)	StoreN (PK)	NoStaff	Competitors	HrsTrading
1	Mall	10	NSW	1	1	60	3	110
2	Mall	8	Vic	2	2	69	5	134
3	Country	7	Vic	3	3	79	2	98
4	Mall	7	Qld	4	4	66	1	85
5	Strip	15	Qld	5	5	51	0	72
6	Country	6	Vic	6	6	62	0	77
7	Country	7	NSW	7	7	61	2	100
8	Mall	6	NSW	8	8	59	2	95
9	Country	8	WA	9	9	65	3	112
10	Strip	16	Vic	10	10	55	5	135
11	Mall	10	Vic	11	11	65	2	100

StoreN (PK)	Sales \$m	GrossProfit
1	12.5	0.712
2	14.5	0.091
3	19	1.075
4	18.2	1.372
5	7.6	2.148
6	18.5	2.019
7	13.1	0.662
8	14.9	0.7
9	17.1	0.937
10	9.2	0.065
11	10.3	2.144

StoreN (PK)	HomeDel	Car Spaces
1	Del-No	46
2	Del-No	73
3	Del-No	64
4	Del-Yes	66
5	Del-No	29
6	Del-Yes	40
7	Del-No	69
8	Del-Yes	45
9	Del-No	42
10	Del-No	34
11	Del-No	51

StoreN (PK)	Basket:2013	Basket:2014	Wages \$m	Adv_1000
1	\$171.00	\$178.00	2.3	171
2	\$168.00	\$178.00	2.7	213
3	\$180.00	\$188.00	3.1	255
4	\$173.00	\$180.00	2.6	287
5	\$166.00	\$171.00	2	112
6	\$183.00	\$192.00	2.7	238
7	\$182.00	\$191.00	2.4	124
8	\$173.00	\$181.00	2.5	214
9	\$183.00	\$191.00	2.7	215
10	\$158.00	\$165.00	2.1	154
11	\$174.00	\$180.00	2.2	97

## employees

StoreN (PK)	NoStaff	Union%
1	60	38
2	69	38
3	79	39
4	66	38
5	51	40
6	62	37
7	61	37
8	59	36
9	65	40
10	55	43
11	65	40

## financial\_analysis

StoreN (PK)	Gross_Margin	Profit_after_wage	StoreN (PK)	HrsTrading	Sundays
1	5.7	10.2	1	110	Sun-No
2	0.6	11.8	2	134	Sun-No
3	5.7	15.9	3	98	Sun-Yes
4	7.5	15.6	4	85	Sun-Yes
5	28.3	5.6	5	72	Sun-Yes
6	10.9	15.8	6	77	Sun-Yes
7	5.1	10.7	7	100	Sun-Yes
8	4.7	12.4	8	95	Sun-No
9	5.5	14.4	9	112	Sun-No
10	0.7	7.1	10	135	Sun-Yes
11	20.8	8.1	11	100	Sun-No

## manager\_detail

ManagerNo (PK, FK)	Mng-Train	Mng-Exp
1	2	12
2	1	16
3	2	9
4	2	9
5	3	4
6	4	15
7	3	15
8	3	4
9	5	12
10	2	13
11	2	8

## manager

ManagerNo (PK)	Mng-Age	Mng-Sex
1	33	Male
2	33	Male
3	30	Male
4	29	Male
5	36	Male
6	32	Male
7	52	Male
8	41	Male
9	31	Male
10	42	Female
11	32	Male