

Dimension Name **Date**
Hierarchy Name **YQMD**

SCD: Type 1

#	Level Name	Estimated Level Cardinality (Estimated # of members per level)	DATT Name	MBR KEY MBR NAME or PROP	Estimated DATT Cardinality (Estimated # of unique values for each DATT)
1	Year	54	DATE_Year	K,N	54
2	Quarter	54*4=216	DATE_Quarter_KEY DATE_Quarter_Name DATE_Quarter_Abbreviation DATE_Quarter	K P P N	216 4 4 216
3	Month	(54*4)*3=648	DATE_Month_KEY DATE_Month_Number DATE_Month_Name DATE_Month_Abbreviation DATE_Month	K P P P N	648 12 12 12 648
4	Day	54*365=19,710	DATE_Week DATE_Week_Of_Year DATE_Week_Of_Quarter DATE_KEY DATE_Day_Of_Year DATE_Day_Of_Quarter DATE_Day_Of_Week DATE_Day_of_Month DATE_Type_Of_Day DATE_Holiday_Of_Day DATE_Date	P P P K P P P P P P N	2815 53 14 19,710 366 93 7 31 2 7 19,710

Will be used as a Role Playing Dimension many times over:
Manufacturing Date
Receipt Date
Allocation Date
Sales Date

MFG_DATE_KEY
RECEIPT_DATE_KEY
ALLOCATION_DATE_KEY
SALE_DATE_KEY

ASSUMPTIONS	Example DATT Value
from 1964/01/01 thru 2017/01/01	1997
Assume Simple QTRs, 4 a year	1000 First Quarter Q1 1997-Q1
Assume 3 Months per Quarter 12 months 12 months 12 months	3000 1 January JAN 1997-Jan
Use Simple Weeks (week 1 starts on Jan 1st, Week 2 on the 8th Week 53 has only 1 or 2 days in it) one for each day--ignore leap year here. 366 max days in a year 93 max days in a quarter 7 days of the week max of 31 days per month Weekend or Weekday Assume 6 holidays and None one for each day	1997-Week 01 1 1 1 1 1 Thursday 1 Weekday New Year's Day 1/1/1997