

Table 3. Granularity Levels: Balance Sheet (1/2)
This table shows the five levels of granularity of the balance sheet and how the information from higher levels can be aggregated into lower levels. Compustat codes are provided in squared brackets. Respective codes we created are italicized.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|-------------------|-------------------|---|---|---|
| assets total [AT] | assets total [AT] | + current assets total [ACT] | + cash and short-term investments + cash [CH] | |
| | | total [CHE] | | short-term investments [VST] |
| | | + receivables total [RECT] | + receivables - trade [RECTR] | income tax refund [TXR] |
| | | | + receivables - current - other | |
| | | + inventories - total [INVT] | + inventories - raw materials [IN-VRM] | |
| | | | + inventories - work in process [IN-WWP] | |
| | | | + inventories - finished goods [IN-VFG] | |
| | | + current assets - other - total [ACO] | + inventories - other [INVO] | prepaid expenses and accrued income [XPP] |
| | | | + current assets - other (sundry) | |
| | | + non-current assets [NCA] | + property, plant, and equipment - total (net) [PPNET] | [ACOX] |
| | | | + property, plant, and equipment - total (gross) [PPEGT] | property, plant, and equipment - total (gross) [PPEGT] |
| | | | + depreciation, depletion, and amortization (accumulated) [DFACT] | depreciation, depletion, and amortization (accumulated) |
| | | + investment advances - equity [VAEQ] | = investment advances - equity [VAEQ] | |
| | | + investment advances - other [VAOI] | = investment advances - other [VAOI] | |
| | | + intangible assets - total [INTAN] | + goodwill [GDWL] | |
| | | + assets - other - total [AO] | + intangibles - other [INTANO] | |
| | | + debt in current liabilities [DLC] | + deferred charges [DC] | |
| | | | + assets - other (sundry) [AOX] | |
| | | | + long-term debt due in one year [DDI] | |
| | | | + notes payable (short term borrowings) [NP] | |
| | | + accounts payable/creditors - trade [AP] | = accounts payable/creditors - trade [AP] | |
| | | + income taxes payable [TXP] | = income taxes payable [TXP] | |
| | | + current liabilities - other [LCO] | + accrued expenses [XACCI] | |
| | | | + current liabilities - other (sundry) [LCOX] | |

Table 3. Granularity Levels: Balance Sheet (2/2)

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|--|--|--|--|---|
| | | + long-term liabilities [NCL] | + long-term debt - total [DLTT] | + debt - capitalized lease obligations [DCLO] + debt - convertible [DVCT] |
| stockholders equity - parent - total [SEQ] | + common/ordinary equity - total [CEQ] | + liabilities - other [LO] + common/ordinary stock (capital) [CSTK] + capital surplus / share premium reserve [CAPS] + retained earnings [RE] | + debt - debentures [DD] + debt - notes [DN] + debt - subordinated [DS] + other long-term debt [DLTO] + deferred taxes and investment tax credit [TXDITC] | + liabilities - other [LO] = common/ordinary stock (capital) [CSTK] = capital surplus / share premium reserve [CAPS] + retained earnings - unadjusted [REUNA] + accumulated other comprehensive income (loss) [ACOMINC] + stockholders equity adjustments - other [SEQQ] |
| | + preferred stock (capital) - total [PSTK] | + preferred stock - redeemable [PSTKR] + preferred stock - non-redeemable [PSTKN] | + treasury stock - total (all capital) [TSTK] + treasury stock - preferred [TSTKP] + treasury stock - common [TSTKC] + preferred stock - redeemable [PSTKR] + preferred stock - non-redeemable [PSTKN] | + treasury stock - common [TSTK] + other [SEQQ] |
| non-controlling interest - total = [MBIT] | | = non-controlling interest - total = [MIBIT] | = non-controlling interest - total = [MIBIT] | = non-controlling interest - total = [MIBIT] |

Table 4. Granularity Levels: Income Statement

This table shows the five levels of granularity of the income statement and how the information from higher levels can be aggregated into lower levels. Compustat codes are provided in squared brackets. Respective codes we created are italicized.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|--------------------------|--|--|--|--|
| net income (loss) [NIAD] | + income before extraordinary items - adjusted for common stock equivalents [IBAD] | + income before extraordinary items [IB] | + operating income before depreciation [OIBDP] | + sales/turnover (net) [SALE] |
| | | | - cost of goods sold [COGS] - selling, general, and administrative expenses [SGA] | |
| | | | - depreciation and amortization - total [DP] | = depreciation and amortization - total [DP] |
| | | | - interest and related expense [XINT] | = interest and related expense [XINT] |
| | | | + non-operating income (expense) - total [NPI] | + non-operating income (expense) - excluding interest income [NO-PIO] |
| | | | + special items [SPI] | + interest income - total [IDIT] |
| | | | - income taxes - total [TXT] | = special items [SPI] |
| | | | - dividends - preferred [DVP] | - income taxes - current [TXC] |
| | | | - common stock equivalents - savings [CSTKE] | + income taxes - deferred [TDXI] |
| | | | + extraordinary items [XI] | + income taxes - other [TXO] |
| | + extraordinary items and discontinued operations [XIDO] | + discontinued operations [DO] | = common stock equivalents - savings [CSTKE] = extraordinary items [XI] | = dividends - preferred [DVP] |
| | | | | = common stock equivalents - savings [CSTKE] = discontinued operations [DO] |
| | | | | = discontinued operations [DO] |

Table 5. Granularity Levels: Cash Flow Statement (1/2)

This table shows the five levels of granularity of the cash flow statement and how the information from higher levels can be aggregated into lower levels. Compustat codes are provided in squared brackets. Respective codes we created are italicized.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|--|--|--|----------------------------------|---|
| cash and cash equivalents - increase [CHECH] | + net cash flow excluding EXRE [NCFX] | + operating activities - net cash flow [OANCF] | + income statement [OANCII] | + income before extraordinary items and non-controlling interest [IBC] |
| | | | | + extraordinary items and discontinued operations [XIDOC] |
| | | | | + depreciation and amortization [DPC] |
| | | | | + deferred taxes [TXDCI] |
| | | | | + equity in net loss (earnings) [ES-UBC] |
| | | | | + sale of PP&E and investments (gain) [SPPIV] |
| | | | | + funds from operations - other [FCPO] |
| | + balance sheet related OANCF [OANCFB] | | | + accounts receivable - decrease [RECCH] |
| | | | | + inventory - decrease [INVCH] |
| | | | | + accounts payable and accrued liabilities - increase [APALCH] |
| | | | | + income taxes - increase [TXACH] |
| | | | | + assets and liabilities - other (net change) [AOLCH] |
| | + investing activities - net cash flow [IVNCF] | - investments [INV] | + increase in investments [IVCH] | + acquisitions [AQC] |
| | | + divestments [DIV] | | + sale of investments [SIV] |
| | | | | + sale of property, plant, and equipment [SPPE] |
| | | | | = capital expenditures [CAPX] |
| | | | | + short-term investment change + short-term investments - change [IVSTCH] |
| | | | | + investing activities - other [IVACO] |
| | | | | + other |

Table 5. Granularity Levels: Cash Flow Statement (2/2)

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|---------|---------|--|-----------------------------------|---|
| | | + financing activities - net cash flow [FINCF] | + equity related FINCF [ERFC] | + sale of common and preferred stock [SSTK] + excess tax benefit from stock options [TXBCOF] |
| | | | | - purchase of common and preferred stock [PRSTKC] - long-term debt - issuance [DLTIS] - long-term debt - reduction [DLTR] |
| | | + debt-related FINCF [DRFC] | + changes in current debt [DLCCH] | + changes in current debt [DLCCH] - cash dividends [DV] = cash dividends [DV] + financing activities - other = financing activities - other |
| | | | = exchange rate effect [EXRE] | = exchange rate effect [EXRE] = exchange rate effect [EXRE] |