

### Key Entity Type Volumetrics

Key Entity Types	Total Volume at End of 1998	Historical Volume	Historical Volume Explanation	Calendar Year 1998 Volume	1998 Volume Explanation
AID	106 million	90 million	From current National Student Loan Data System (NSLDS)	16 million	Per ED 1998 Budget Summary, the projected number of origination records for 1998 is: (Pell = 3.9 million) + (FFEL = 5.8 million) + (Direct Loans = 3.2 million) + (Consolidation Loans = 0.3 million) + (FWS = 1 million) + (FSEOG = 1 million) + (Perkins = 0.8 million). Note: Same as Data Flow #1162.
AID_ACCOUNT_TRANSACTION			VISION element.		
AID_APPLICATION				14.5 million	The number of applications per week in 1996: high = 484,248, low = 25,321, as per 12/10/97 JIG (Aid Apps, MYP note). So, the average per year for 1996 = 52 weeks * (484,248 + 25,321)/2 = 13.2 million. Considering a 5% growth per year, the estimated number of aid applications in 1998 is: (13.2 million * 105%) = 14.5 million. Note: Same as Data Flow #790.
AID_APPLICATION_PARTICIPANT			VISION element - If parent's income is verified, the average number of AID_APPLICATION_PARTICIPANTS is 3 per application (student + 2 parents).		
AID_APPLICATION_SCHOOL				43.5 million	Currently an applicant is able to name 0 to 6 schools on an aid application. Assume the average application has 3 schools. AID_APPLICATION_SCHOOL = (number of applications * Number of schools named on an application). 14.5 million * 3 = 43.5 million.
AID_CONSOLIDATION				0.3 million	Per ED 1998 Budget Summary, the projected number of consolidation origination records is 0.3 million.
AID_DISCHARGE				20,000	Approximately 1% of (total number of loans = 20 million loans) = 20,000. Note: Same as Data Flow #1094
AID_ORGANIZATION		40,000	30,000 servicers (NSLDS) + 7,100 lenders (ED 1998 Budget Summary) + estimates of: CPA's + State Licensing Agencies + State Agencies + GA's + Accreditation Agencies		
AID_PRE_DISBURSEMENT				59.3 million	Per ED 1998 Budget Summary, assume average 3 disbursement records per Pell grant, 4 disbursements per FFEL loan, 4 per Direct Loan, 2 per FWS, 2 per FSEOG, and 12 per Perkins loan. The total number of disbursement records = (3.9 million * 3) + (5.8 million * 4) + (3.2 million * 4) + (1 million * 2) + (0.8 million * 12) = 59.3 million.
AID_PROGRAM	492	480	The LDM adds an AID_PROGRAM instance for each new AID_PROGRAM version (usually 1 version per fiscal year).	12	Current Title IV Programs and current year versions.

DRUG_CONVICTION				5,040	Approximately 200 names will be on the DOJ list at any given time. The list is sent to ED bimonthly, as per 11/4/97 JIG (Credit Information and Loan status, Applicant Drug Conviction Information). Assuming the number of drug convictions reported grows at the same rate as the number of aid applications (5% per year), the average number of drug convictions for 1998 = ( 200*12 months * 2 per month * 105% ) = 5,040. Note: Same as Data Flow #625.
GARNISHMENT_OFFSET				30,000	Per 11/12/97 JIG - Offset Information. Same as Data Flow #1060.
LEDGER					
ORGANIZATION_REVIEW					
PACKAGE			VISION element: Packages are not maintained by ED currently, just by schools. We can assume approximately 1/3 fewer packages will exist than instances of aid, i.e. approximately 3 instances of aid per package.		VISION element: Packages are not maintained by ED currently, just by schools.
PARTICIPANT	38 million	34 million	From current National Student Loan Data System (NSLDS)	4 million	From ED 1998 Budget Summary, 8 million students will receive financial aid in 1998. Assume 1/4 are new = 2 million students. Assume an average of 1 parent per student = 2 million parents.
PARTICIPANT_NAME		51 million	Assume 1.5 names per participant. 34 million participants * 1.5 = 51 million	6 million	Assume 1.5 names per participant. 4 million participants * 1.5 = 6 million participant names.
PROGRAM_MANAGEMENT_DOCUMENT					
PROMISSORY_NOTE	66.9 million	56.8 million	Assume 1 per loan.	10.1 million	Assume 1 per loan.
REPAYMENT_PLAN	984	960	The LDM adds an AID_PROGRAM instance for each new AID_PROGRAM version (usually 1 version per fiscal year).	24	(8 loan programs) * (average of 3 repayment plans per program).
RESOURCE				1	Currently the only chargeable resource is Title IV WAN.
RESOURCE_USAGE				2,050	As per the 10/30/97 JIG (Title IV WAN system usage invoicing and payments).
SCHOOL	20,000	14,000	NSLDS has a total of 20,000 schools, out of which 6,000 are active.	6,000	NSLDS has a total of 20,000 schools, out of which 6,000 are active.
SCHOOL_CLOSURE_NOTICE				800	Based on the number of closed school notices received through Data flows 607, 795, 943, 862, 710.
SCHOOL_EDUCATION_PROGRAM	60,000	42,000	Assume an average of 30 programs per school. 14,000 * 30 = 42,000	18,000	Assume an average of 30 programs per school. (( 6,000 schools * 30 programs) = 18,000).
SCHOOL_ENROLLMENT				14.4 million	Per NCES Projections of Education Stats to 2007, est. college enrollment in 1995 is 13.9 million and the average expected growth rate is 1.25%. The average est. college enrollment for 1998 = (13.9 million * 101.25% * 3) = 14.4 million Note: Same as Data Flow #873.