### **Appendix C: Current System Data Structure**

#### **Current StudentTrack 2012 System Tables and Data Fields**

| **Table** | **Key Fields** | **Approximate Record Count** |
| --- | --- | --- |
| **Students** | StudentID, FirstName, LastName, DOB, Gender, GradeLevel, HomeRoom, EntryDate, ExitDate, Address, Guardian1, Guardian2, EmergencyContact, LanguagePreference | 4,200 (includes active and historical) |
| **Guardians** | GuardianID, StudentID, Relationship, FirstName, LastName, Address, Phone, Email, AccessPortal, LegalCustody | 7,800 |
| **Staff** | StaffID, FirstName, LastName, Position, HireDate, Email, Phone, Certifications, BuildingAssignment | 260 |
| **Classes** | ClassID, ClassName, RoomNumber, TeacherID, GradeLevel, Period, MaxCapacity, CurrentEnrollment | 480 (per academic year) |
| **Enrollments** | EnrollmentID, StudentID, ClassID, EnrollDate, WithdrawDate, Status | 28,500 (per academic year) |
| **Attendance** | AttendanceID, StudentID, Date, Status, ExcuseCode, Notes | 615,000 (per academic year) |
| **Schools** | SchoolID, SchoolName, Address, Phone, Principal, GradeLevels, Website | 7 |
| **Calendar** | CalendarID, SchoolYear, EventDate, EventType, Description, AffectedGrades | 640 (per academic year) |
| **Schedules** | ScheduleID, StudentID, SchoolYear, Period1, Period2, Period3, Period4, Period5, Period6 | 3,500 (per academic year) |
| **SpecialPrograms** | ProgramID, StudentID, ProgramName, EntryDate, ExitDate, ServiceMinutes, Provider | 860 |

#### **Data Quality Notes:**

* Student data has been maintained consistently since 2018
* Approximately 3% duplicate guardian records identified
* Historical attendance records are complete but lack consistency in excuse coding
* Special program data prior to 2022 is incomplete
* Custom fields have been added over the years and may not follow consistent naming conventions

#### **Data Export Capabilities:**

* System can export any table to CSV or Excel format
* Limited relational export capabilities requiring multiple individual table exports
* No direct API access available