

## APPENDIX I. SPREADSHEET AND SITE SUMMARY REPORT DATA FIELD DEFINITIONS

This appendix contains keys to the column headings in the SSNA-all-data.xls (Excel) spreadsheet file and the SSNA-abridged-data.xls file.

### SSNA-all-data.xls

Site_UniqueID	Unique ID assigned by DOGAMI for each site
BuildingUniqueID	Unique ID assigned by DOGAMI for each building entity
Site_Type	Major use of the building
Tracking_Code	Code utilized for site tracking of various categories
District	District authority name
Name	Building name
Field_Physical_Address	Physical street address
Field_Physical_City	City
GPS_X	Latitude
GPS_Y	Longitude
MaxOccupancy	Maximum occupancy
Enrollment_ODE	Actual October 2005 enrollment from Oregon Department of Education
Screener_Name	Name of person collecting field data
InspectionDate	Date field data was collected
Field_Verified_Year_Built	Construction date as indicated by plaque encountered in the field
Estimated_Decade_Built	Screener estimate of construction period, to nearest decade start
Year_Built	Data from ODE database and other sources
Number_Stories	Number of stories above ground level
Building_Total_Area	Total Area square feet
Comments	Special notation by screener
SeismicityZone	Seismic zones (low, moderate, high) defined by FEMA 154 and very high defined as 60% g on the 1.0 second spectral acceleration 2% probability of exceedance in 50 years USGS seismic hazard map
Primary_Structural_Type	The field screener's best judgment of Building Structural Type as defined by FEMA 154
Primary_Structural_Certainty_Type	Field screener confidence in assigned primary structural type ( in percent)
Secondary_Structural_Type	The field screener's second best judgment of Building Structural Type as defined by FEMA 154
Secondary_Structural_Certainty_Type	Field screener coarse confidence in assigned secondary structural type ( in percent)
Tertiary_Structural_Type	The field screener's third best judgment of Building Structural Type as defined by FEMA 154
Tertiary_Structural_Certainty_Type	Field screener confidence in assigned tertiary structural type (in percent)
Poor_Condition_Primary	Screener's notations of poor condition
Pounding_Potential	Possibility of building swaying during earthquake into adjacent structures
Falling_Hazard_Primary	Potential falling hazards during earthquake
Vertical_Irregularity_Primary	Vertical irregularity as defined by DOGAMI 2006 vertical and plan irregularities definition document
Plan_Irregularity_Primary	Plan irregularity as defined by DOGAMI 2006 vertical and plan irregularities definition document
Poor_Condition_Secondary	Additional noted poor condition
Poor_Condition_Tertiary	Additional noted poor condition
Falling_Hazard_Secondary	Additional falling hazard
Falling_Hazard_Tertiary	Additional falling hazard

Vertical_Irregularity_Secondary	Additional vertical irregularity
Vertical_Irregularity_Tertiary	Additional vertical irregularity
Vertical_Irregularity_Severity_Primary	Vertical irregularity severity
Vertical_Irregularity_Severity_Secondary	Vertical irregularity severity
Vertical_Irregularity_Severity_Tertiary	Vertical irregularity severity
Plan_Irregularity_Secondary	Additional plan irregularity
Plan_Irregularity_Tertiary	Additional plan irregularity
Plan_Irregularity_Severity_Primary	Plan irregularity severity
Plan_Irregularity_Severity_Secondary	Plan irregularity severity
Plan_Irregularity_Severity_Tertiary	Plan irregularity severity
Soil_Type	Site soil classification from 1997 NEHRP Provisions
Type_1	Duplicate of Primary_Structural_Type field
Basic_1	FEMA 154 numeric value for Primary_Structural_Type
VertIrr_1	FEMA 154 numeric value for Vertical_Irregularity_Primary field
PlanIrr_1	FEMA 154 numeric value for Plan_Irregularity_Primary field
Precode_1	FEMA 154 numeric value for construction built prior to FEMA default precode year of 1941
PostBench_1	FEMA 154 numeric value for post benchmark construction date as defined in Table 8
C_1	FEMA 154 numeric value for C type Site Classes
D_1	FEMA 154 numeric value for D type Site Classes
E_1	FEMA 154 numeric value for E type Site Classes
RVS_1	FEMA 154 score for the Primary_Structural_Type
Type_2	Duplicate of Secondary_Structural_Type field
Basic_2	FEMA 154 numeric value for Secondary_Structural_Type
VertIrr_2	FEMA 154 numeric value for Vertical_Irregularity_Secondary field
PlanIrr_2	FEMA 154 numeric value for Plan_Irregularity_Secondary field
Precode_2	FEMA 154 numeric value for construction built prior to FEMA default precode year of 1941
PostBench_2	FEMA 154 numeric value for post benchmark construction date as defined in Table 8
C_2	FEMA 154 numeric value for C type Site Classes
D_2	FEMA 154 numeric value for D type Site Classes
E_2	FEMA 154 numeric value for E type Site Classes
RVS_2	FEMA 154 score for the Secondary_Structural_Type
Type_3	Duplicate of Tertiary_Structural_Type field
Basic_3	FEMA 154 numeric value for Tertiary_Structural_Type
VertIrr_3	FEMA 154 numeric value for Vertical_Irregularity_Tertiary field
PlanIrr_3	FEMA 154 numeric value for Plan_Irregularity_Tertiary field
Precode_3	FEMA 154 numeric value for construction built prior to FEMA default precode year of 1941
PostBench_3	FEMA 154 numeric value for post benchmark construction date as defined in Table 8
C_3	FEMA 154 numeric value for C type Site Classes
D_3	FEMA 154 numeric value for D type Site Classes
E_3	FEMA 154 numeric value for E type Site Classes
RVS_3	FEMA 154 score for the Tertiary_Structural_Type
Final_Type	Structural type with lowest FEMA RVS score
RVS_F	FEMA 154 RVS score that was the lowest
Collapse_Potential	A RVS score of 2.0 represents that there is a 1 in 100 chance, or 1% probability, that the building will collapse due

	<p>to the ground motion caused by the maximum considered earthquake. A score of 0.0 implies a 1 in 1 chance, or a 100% probability. FEMA recommends that all buildings with a score of 2.0 or less should be considered to have inadequate performance during the anticipated maximum seismic event. DOGAMI has refined the relative rank of the RVS scores into four categories: Very High (RVS less than or equal to zero, 100% probability of collapse), High (RVS from 0.1 to 1.0; greater than a 10% probability of collapse), Moderate (RVS from 1.1 to 2.0, greater than a 1% probability of collapse), and Low (RVS greater than or equal to 2.1, probability of collapse less than 1%). New construction is deemed to have low collapse potential. Sites that have been or are planned to have seismic rehabilitation are deemed to have moderate collapse potential. Sites that were missed during the filed screening are deemed to have high collapse potential.</p>
<p>PDF Site Summary Report</p>	<p>Web link site data report for all building screened at particular site. Contains descriptive data, location information, screener comments, photos, RVS scores, and plan views for each building. A site may have multiple building entities designated by suffix A, B, C etc. All individual building reports are bundled into a single site summary report.</p>

**SSNA-abridged-data.xls**

Site_UniqueID	Unique ID assigned by DOGAMI for each site
BuildingUniqueID	Unique ID assigned by DOGAMI for each building entity
DOGAMI Tracking_Code	Code utilized for site tracking of various categories
Site_Type	Major use of the building
District	District authority name
Facility Name	Building name
Address	Physical street address
City	City
Latitude GPS_X	Latitude
Longitude GPS_Y	Longitude
ODE 05-06 Enrollment	Actual October 2005 enrollment from Oregon Department of Education
Field Plaque	Construction date as indicated by plaque encountered in the field
Estimated Decade	Screener estimate of construction period, to nearest decade start
Year Built	Data from ODE database and other sources
Building Area	Total Area square feet
USGS Seismicity	Seismic zones (low, moderate, high) defined by FEMA 154 and very high defined as 60% g on the 1.0 second spectral acceleration 2% probability of exceedance in 50 years USGS seismic hazard map
NEHRP Soil	Site soil classification from 1997 NEHRP Provisions
Final Type	Structural type with lowest FEMA RVS score
Final RVS	FEMA 154 RVS score that was the lowest
Collapse_Potential	A RVS score of 2.0 represents that there is a 1 in 100 chance, or 1% probability, that the building will collapse due to the ground motion caused by the maximum considered earthquake. A score of 0.0 implies a 1 in 1 chance, or a 100% probability. FEMA recommends that all buildings with a score of 2.0 or less should be considered to have inadequate performance during the anticipated maximum seismic event. DOGAMI has refined the relative rank of the RVS scores into four categories: Very High (RVS less than or equal to zero, 100% probability of collapse), High (RVS from 0.1 to 1.0; greater than a 10% probability of collapse), Moderate (RVS from 1.1 to 2.0, greater than a 1% probability of collapse), and Low (RVS greater than or equal to 2.1, probability of collapse less than 1%). New construction is deemed to have low collapse potential. Sites that have been or are planned to have seismic rehabilitation are deemed to have moderate collapse potential. Sites that were missed during the filed screening are deemed to have high collapse potential.
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