

# **STEERING COMMITTEE #2**

**OCTOBER 14, 2014** 



### Agenda:

#### Welcome

**Report Updates** 

- Enrollment Projections
- Background Report
- Capacity Report
- Live/Attend

**Facility Condition Review** 

**Questionnaire Review** 

Prepare for Community Dialogue Next Steps & Adjourn





## **IMPORTANT CHANGE OF DATE**

Community Dialogue #1 Holston Middle School Monday, November 3, 2014



#### **Facility Master Plan Statement**

"The Sullivan County facilities master plan will provide for optimal, safe, and healthy learning environments that insure that all Sullivan County students be given equitable opportunity in academics and extra-curricular activities. This facilities plan is data driven, financially responsible and meets the Using data provided, maximize the resources and facilities of the entire **community** to provide expectations of the Sullivan County community"

students with an **optimal learning environment**. To insure that all students be given an equal opportunity in academics and extracurricular activities. In a physically responsible way for a long Our vision is to provide **the best opportunities** for students and teachers such as clean and modern facilitates with readily-available technology. In addition, we should ensure stability and managed choice.

Satisfy the needs of each student, in every school, by providing first rate education in high quality facilities by using data to better utilize facilities, programs, and services offered by our schools.

To provide a safe and healthy learning environment that motivates and engages the student, teacher and community. The learning facility/plant should provide more than just the essentials, be fair and equitable for al SC students while preserving community and tax-payer accountability.



#### **Based on where students attend – District-wide**

Sullivan County Department of Education Historical / Projected Enrollment





#### Historical Enrollment - Based on where students attend – District-wide

				I	Historical	Enrollment	ł				
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Trend
PK	107	133	234	237	229	220	227	219	235	203	
К	858	841	839	855	810	711	794	816	736	678	$\sim$
1	951	906	874	861	836	830	725	778	792	736	$\langle$
2	864	889	861	844	820	808	816	709	771	756	$\langle \rangle$
3	856	865	871	864	823	792	792	818	696	773	$\sim$
4	865	865	862	879	853	792	778	768	783	708	$\left\langle \right\rangle$
5	928	901	834	863	867	847	801	795	759	785	$\sim$
6	948	963	896	841	878	891	835	808	781	761	$\langle$
7	977	969	961	880	821	873	889	858	794	783	$\overline{}$
8	1,013	1,029	982	980	919	833	846	858	835	800	~
9	1,151	1,145	1,135	1,056	1,089	919	852	859	873	854	~
10	1,050	1,054	1,067	1,058	944	963	898	831	829	863	$\left\{ \right\}$
11	939	905	910	893	887	905	919	875	816	796	>
12	795	881	801	782	873	904	844	848	851	785	$\sim \sim$
Ν	207	12	185	194	185	187	163	112	101	101	$\overline{}$
Total	12,509	12,358	12,312	12,087	11,834	11,475	11,179	10,952	10,652	10,382	

Sullivan County Department of Education

Source: Sulliv an County Department of Education

#### Sullivan County Department of Education

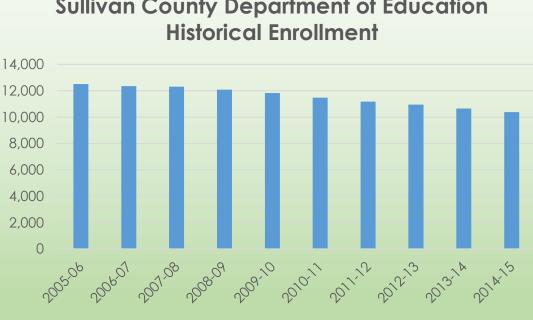
				I	listorical	Enrollment	ł				
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Trend
РК	107	133	234	237	229	220	227	219	235	203	
K-5	5,322	5,267	5,141	5,166	5,009	4,780	4,706	4,684	4,537	4,436	$\left\langle \right\rangle$
6-8	2,938	2,961	2,839	2,701	2,618	2,597	2,570	2,524	2,410	2,344	/
9-12	3,935	3,985	3,913	3,789	3,793	3,691	3,513	3,413	3,369	3,298	/
Ν	207	12	185	194	185	187	163	112	101	101	$\sim$
Total	12,509	12,358	12,312	12,087	11,834	11,475	11,179	10,952	10,652	10,382	



Source: Sulliv an County Department of Education

Historical Enrollment - Based on where students attend – District-wide

- **Enrollment has decreased 2,127 students** since 2005-06 (17%)
- **Kindergarten dropped 58 students (8%) since** last year
- K-5 enrollment has decreased 886 students • since 2005-06 (17%)
- 6-8 enrollment has decreased 594 students since 2005-06 (20%)
- 9-12 enrollment has decreased 637 students since 2005-06 (16%)







#### Projected Enrollment [Recommended] - Based on where students attend – District-wide

Sullivan County Department of Education

Projected Enrollment - Recommended

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Trend
	Actual	2015-10	2010-17	2017-10	2010-17	2017-20	2020-21	2021-22	2022-25	2023-24	2024-25	nena
PK	203	203	203	203	203	203	203	203	203	203	203	
К	678	715	602	686	667	667	667	667	667	667	667	$\sim$ —
1	736	676	713	600	684	665	665	665	665	665	665	$\leq$
2	756	715	657	693	583	665	647	647	647	647	647	$\searrow$
3	773	752	712	653	689	580	661	643	643	643	643	$\left< \right>$
4	708	764	743	703	646	681	573	653	636	636	636	$\langle$
5	785	709	765	744	704	646	682	574	654	636	636	$\left. \right\rangle$
6	761	784	708	764	743	703	646	681	573	653	636	$\langle$
7	783	760	783	707	762	741	702	644	680	572	652	$\left. \right\}$
8	800	777	754	777	701	757	736	696	640	675	568	{
9	854	813	789	766	789	712	768	747	707	650	685	}
10	863	834	793	771	748	770	696	750	730	691	634	$\left. \left. \right. \right. \right. \right. \left. \left. \left. \right. \right. \right. \right. \right. \left. \left. \left. \right. \right. \right. \right. \right. \left. \left. \left. \right. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \right. \left. \left. \right. \right. \left. \right. \right. \left. \left. \right. \right. \left. \right$
11	796	834	805	766	744	722	744	672	725	705	667	$\left< \right.$
12	785	767	803	776	738	717	695	717	647	698	679	$\left. \right\}$
Ν	101	101	101	101	101	101	101	101	101	101	101	
Total	10,382	10,204	9,931	9,710	9,502	9,330	9,186	9,060	8,918	8,842	8,719	

Source: DeJONG-RICHTER

#### Sullivan County Department of Education

**Projected Enrollment - Recommended** 

	2014-15 Actual	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Trend
РК	203	203	203	203	203	203	203	203	203	203	203	
K-5	4,436	4,331	4,192	4,079	3,973	3,904	3,895	3,849	3,912	3,894	3,894	/
6-8	2,344	2,321	2,245	2,248	2,206	2,201	2,084	2,021	1,893	1,900	1,856	{
9-12	3,298	3,248	3,190	3,079	3,019	2,921	2,903	2,886	2,809	2,744	2,665	/
Ν	101	101	101	101	101	101	101	101	101	101	101	
Total	10,382	10,204	9,931	9,710	9,502	9,330	9,186	9,060	8,918	8,842	8,719	/

Source: De IONG-RICHTER



Projected Enrollment [Recommended] - Based on where students attend – District-wide

- Enrollment is projected to decreased 1,663 students from 2014-15 to 2024-25 (16%)
- Kindergarten projected to decrease based on live birth counts and then flatten out at current level
- K-5 enrollment is projected to decrease 886 students (17%)
- 6-8 enrollment is projected to decreased 488 students (21%)
- 9-12 enrollment is projected to decrease 633 students (19%)

#### Sullivan County Department of Education Projected Enrollment - Recommended





#### **Based on where student live – by boundary**

Students Living Within Sullivan County Department of Education Boundaries Historical / Projected Enrollment





#### **Historical Enrollment - Based on where students live**

EC       4       4       14       9       9       4       7       8       7       //         P3       52       50       69       54       54       52       54       9       12       //         P4       176       205       217       209       205       201       215       245       207       //         K       788       764       791       758       665       730       748       728       632       //         1       839       807       804       774       779       678       727       744       703       //         2       819       791       787       771       741       768       653       743       706         3       764       828       796       765       744       725       753       681       717         4       753       772       824       804       766       731       715       771       678         5       784       731       770       815       798       771       736       723       751       75         6       819       811       741										
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Trend
EC	4	4	14	9	9	4	7	8	7	$\sim$
Р3	52	50	69	54	54	52	54	9	12	$\langle$
P4	176	205	217	209	205	201	215	245	207	$\langle$
К	788	764	791	758	665	730	748	728	632	$\langle$
1	839	807	804	774	779	678	727	744	703	$\langle$
2	819	791	787	771	741	768	653	743	706	$\sim$
3	764	828	796	765	744	725	753	681	717	$\sim$
4	753	772	824	804	766	731	715	771	672	$\langle \rangle$
5	784	731	770	815	798	771	736	723	751	$\sim$
6	819	811	741	785	834	773	741	746	707	$\sim$
7	825	832	799	722	774	821	793	763	739	$\langle$
8	882	831	845	812	733	754	815	805	757	$\langle$
9	936	954	870	856	815	721	757	819	809	$\langle$
10	818	830	882	807	806	791	710	741	802	$\sim$
11	686	675	712	743	727	730	750	694	725	$\sim\sim$
12	639	635	606	661	645	609	664	673	692	$\sim$
Total	10,584	10,520	10,527	10,345	10,095	9,859	9,838	9,893	9,638	

Students Living Within Sullivan County Department of Education Boundaries

Source: Sulliv an County Department of Education, Kingsport City Schools

#### Students Living Within Sullivan County Department of Education Boundaries

				Histor	ical Enroll	ment				
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	Trend
EC-P4	232	259	300	272	268	257	276	262	226	$\langle$
K-5	4,747	4,693	4,772	4,687	4,493	4,403	4,332	4,390	4,181	{
6-8	2,526	2,474	2,385	2,319	2,341	2,348	2,349	2,314	2,203	{
9-12	3,079	3,094	3,070	3,067	2,993	2,851	2,881	2,927	3,028	$\langle$
Total	10,584	10,520	10,527	10,345	10,095	9,859	9,838	9,893	9,638	/

Source: Sulliv an County Department of Education, Kingsport City Schools



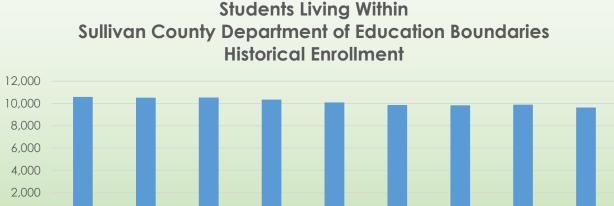
#### **Historical Enrollment - Based on where students live**

0

2006-01

2007.08

- Enrollment has decreased 946 students since 2006-07 (9%)
- Kindergarten dropped 96 students (13%) since last year
- K-5 enrollment has decreased 566 students since 2006-07 (12%)
- 6-8 enrollment has decreased 323 students since 2005-06 (13%)
- 9-12 enrollment has decreased 51 students since 2005-06 (2%)



208-09 209<sup>10</sup> 20<sup>101</sup> 20<sup>11</sup><sup>13</sup> 20<sup>31</sup><sup>14</sup>



#### **Projected Enrollment [Recommended] - Based on where students live**

	0014.15					nineni - k						
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Trend
	Actual											
EC	7	7	7	7	7	7	7	7	7	7	7	
P3	12	12	12	12	12	12	12	12	12	12	12	
P4	207	207	207	207	207	207	207	207	207	207	207	
К	632	681	571	652	634	634	634	634	634	634	634	$\sim$
1	703	661	685	575	658	641	641	641	641	641	641	$\sim$
2	706	692	652	675	568	648	629	629	629	629	629	~~
3	717	699	687	645	669	561	643	623	623	623	623	~~~
4	672	719	700	686	645	669	563	642	626	626	626	$\sim \sim$
5	751	667	713	696	682	641	664	562	637	622	622	$\sim$
6	707	742	657	702	685	674	634	655	552	630	611	$\sim$
7	739	704	740	656	700	683	671	630	652	550	626	$\sim \sim$
8	757	741	706	742	658	702	684	672	633	656	551	$\sim$
9	809	767	751	715	752	664	713	694	683	643	665	\$
10	802	785	742	728	690	729	646	691	671	662	622	$\langle$
11	725	767	749	709	696	660	696	617	660	642	632	$\left< \right.$
12	692	670	709	691	655	640	610	640	566	608	592	$\sim$
Total	9,638	9,521	9,288	9,098	8,918	8,772	8,654	8,556	8,433	8,392	8,300	

Students Living Within Sullivan County Department of Education Boundaries

Projected Enrollment - Recommended

Source: DeJONG-RICHTER

#### Students Living Within Sullivan County Department of Education Boundaries

				Proj	ected Enro	ollment - R	ecommen	ded				
	2014-15 Actual	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Trend
EC-P4	226	226	226	226	226	226	226	226	226	226	226	
K-5	4,181	4,119	4,008	3,929	3,856	3,794	3,774	3,731	3,790	3,775	3,775	
6-8	2,203	2,187	2,103	2,100	2,043	2,059	1,989	1,957	1,837	1,836	1,788	{
9-12	3,028	2,989	2,951	2,843	2,793	2,693	2,665	2,642	2,580	2,555	2,511	/
Total	9,638	9,521	9,288	9,098	8,918	8,772	8,654	8,556	8,433	8,392	8,300	/

Source: DeJONG-RICHTER



**Projected Enrollment [Recommended] - Based on where students live** 

- Enrollment is projected to decreased 1,338 students from 2014-15 to 2024-25 (14%)
- Kindergarten projected to decrease based on live birth counts and then flatten out at current level
- K-5 enrollment is projected to decrease 406 students (10%)
- 6-8 enrollment is projected to decreased 415 students (19%)
- 9-12 enrollment is projected to decrease 517 students (17%)







"As Programmed" Capacity

- Based on 13-14 use of all teaching stations
- Counted the use of all teaching stations and multiplied by class size for each specific room type
- Specialty spaces (art, music, gym, resource, etc.) given capacity at middle and high school, but not at elementary and K-8
- Middle and high schools multiplied by 85% load factor
- Utilization of building = Enrollment divided by capacity

Grade	Students/CR
РК	20
K	20
1	20
2	20
3	20
4	25
5	25
6	25
7	25
8	25
9	25
10	25
11	25
12	25
Career Tech	20
SPED (Self-Contained)	10



#### **Elementary and K-8 "As Programmed" Capacity**

Capacity Analysis				"As Prog	rammed"					"As Programm	ed" Utilization
School Name	Total Teaching Stations	Portables	Specialty Spaces	SPED (Self- Contained)	Net Classrooms	Permanent Capacity	Portable Capacity	Total	2014-15 Enrollment	Permanent	Total w/ Portables
Elementary											
Blountville Elementary	25	1	4	0	21	450	20	470	454	100.9%	96.6%
Bluff City Elementary	33	0	6	0	27	580	0	580	488	84.1%	84.1%
Central Heights Elementary	15	0	1	1	13	290	0	290	210	72.4%	72.4%
Emmett Elementary	28	0	5	2	21	470	0	470	359	76.4%	76.4%
Holston Elementary	24	0	4	1	19	415	0	415	342	82.4%	82.4%
Indian Springs	28	0	8	0	20	430	0	430	387	90.0%	90.0%
Ketron Elementary	45	0	7	2	36	790	0	790	711	90.0%	90.0%
Miller Perry Elementary	28	0	9	0	19	410	0	410	379	92.4%	92.4%
Rock Springs Elementary	33	0	7	2	24	530	0	530	452	85.3%	85.3%
Weaver Elementary	16	0	2	0	14	300	0	300	276	92.0%	92.0%
Total	275	1	53	8	214	4,665	20	4,685	4,058	87.0%	86.6%
К-8				·	·				· · ·		
Mary Hughes K8	27	0	4	0	23	520	0	520	459	88.3%	88.3%
Sulliv an Gardens K8	46	0	18	1	27	625	0	625	501	80.2%	80.2%
Total	73	0	22	1	50	1,145	0	1,145	960	83.8%	83.8%



Utilization Key:

70% - 80% 80% - 90% 90% - 100% > 100%

#### **Elementary and K-8 "As Programmed" Capacity**

- 4,665 permanent elementary seats
- 4,058 total 2014-15 elementary enrollment
- Total permanent "as programmed" elementary utilization of 87%
- 1,145 permanent K-8 seats
- 960 total 2014-15 K-8 enrollment
- Total permanent "as programmed" K-8 utilization of 83.8%



#### Middle School "As Programmed" Capacity

Capacity Analysis			"A	s Programme	ed"				"As Programm	ed" Utilization
School Name	Total Teaching Stations	Portables	Specialty Spaces	SPED (Self- Contained)	Permanent Capacity (2013-14)	Portable Capacity (2013-14)	Total (2013-14)	2014-15 Enrollment	Permanent	Total w/ Portables
Middle										
Blountville MS	20	0	4	0	425	0	425	291	68.5%	68.5%
Bluff City MS	22	0	4	1	456	0	456	359	78.7%	78.7%
Colonia   Heights MS	21	3	4	0	446	64	510	397	89.0%	77.8%
Holston MS*	21	0	6	1	435	0	435	452	103.9%	103.9%
Holston Valley MS	14	0	4	0	298	0	298	192	64.4%	64.4%
North MS	18	0	3	0	383	0	383	347	90.6%	90.6%
Total	116	3	25	2	2,443	64	2,507	2,038	83.4%	81.3%
Utilization Key:	70% - 80%	80% - 90%	90% - 100%	> 100%						

\*Holston Middle includes Innovation Academy program



#### Middle School "As Programmed" Capacity

- 2,443 permanent middle school seats
- 2,038 total 2014-15 middle school enrollment
- Total permanent "as programmed" middle school utilization of 83.4%



#### High School "As Programmed" Capacity

Capacity Analysis				"As Prog	rammed"					"As Programm	ed" Utilization
School Nam e	Total Teaching Stations	Portables	Specially Spaces	Career Tech	SPED (Self- Contained)	Permanent Capacity (2013-14)	Portable Capacity (2013-14)	Total (2013-14)	2014-15 Enrollm ent	Permanent	Total w/ Portables
High											
Sullivan Central HS	60	1	18	11	2	1,206	17	1,223	962	79.8%	78.7%
Sullivan East HS	56	3	13	13	1	1,124	64	1,188	926	82.4%	77.9%
Sullivan North HS	42	0	9	10	1	839	0	839	532	63.4%	63.4%
Sullivan South HS	59	0	13	11	1	1,196	0	1,196	906	75.8%	75.8%
Total	217	4	53	45	5	4,365	81	4,446	3,326	76.2%	74.8%
Little e March	70% 0.0%		0.00 10.00	> 100%							

Utilization Key:

70% - 80% 80% - 90% 90% - 100% > 100%



#### High School "As Programmed" Capacity

- 4,365 permanent high school seats
- 3,326 total 2014-15 high school enrollment
- Total permanent "as programmed" high school utilization of 76.2%



**Recommended/Maximum Capacity** 

- Based on the design/intended use of all teaching stations
- Counted all room types and multiplied by average of class size for each grade configuration
- Approximately 25% of total teaching stations were recommended as specialty spaces for elementary and K-8
- Specialty spaces (art, music, gym, resource, etc.) given capacity at middle and high school, but not at elementary and K-8
- Middle and high schools multiplied by 85% load factor
- Utilization of building = Enrollment divided by capacity

	Grade	Students/CR
	РК	20
	K	20
	1	20
	2	20
	3	20
	4	25
3	5	25
	6	25
	7	25
	8	25
	9	25
	10	25
	11	25
	12	25
	Career Tech	20
	SPED (Self-Contained)	10



#### **Elementary and K-8 Recommended Capacity**

Capacity Analysis			Recom	mended/Ma:	xim um				Utilization based on Recommended Capacity	
School Name	Total Teaching Stations	Portables	Specialty Spaces	Net Classrooms	Permanent Capacity	Portable Capacity	Total	2014-15 Enroliment	Permanent	Total w/Portables
Elementary										
Blountville Bementary	25	2	6	19	412	43	455	454	110.2%	99.8%
Bluff City Elementary	33	0	8	25	542	0	542	488	90.0%	90.0%
Central Heights Elementary	15	0	3	12	260	0	260	210	80.8%	80.8%
Emmett Elementary	28	0	7	21	455	0	455	359	78.9%	78.9%
Holston Bementary	21	0	5	16	347	0	347	342	98.6%	98.6%
Indian Springs	28	0	7	21	455	0	455	387	85.1%	85.1%
Ketron Bementary	45	0	11	34	736	0	736	711	96.6%	96.6%
Miler Perry Elementary	36	0	9	27	585	0	585	379	64.8%	64.8%
Rock Springs Bementary	33	0	8	25	542	0	542	452	83.4%	83.4%
Weaver Bementary	18	4	4	14	303	87	390	276	91.1%	70.8%
Total	282	6	68	214	4,637	130	4,767	4,058	87.5%	85.1%
К-8		l								
Mary Hughes K8	27	0	6	21	479	0	479	459	95.8%	95.8%
Sulivan Gardens K8	53	0	13	40	912	0	912	501	54.9%	54.9%
Total	80	0	19	61	1,391	0	1,391	960	69.0%	69.0%
Utilization Key:	70% - 80%	80% - 90%	90% - 100%	> 100%						



#### **Elementary and K-8 Recommended Capacity**

- 4,637 permanent elementary seats
- 4,058 total 2014-15 elementary enrollment
- Total permanent "as programmed" elementary utilization of 87.5%
- 1,391 permanent K-8 seats
- 960 total 2014-15 K-8 enrollment
- Total permanent "as programmed" K-8 utilization of 69%



#### Middle School Recommended Capacity

Capacity Analysis			Recom	mended/Ma	ximum			0014.15	Utilization based on Recommended Capacity		
School Name	Total Teaching Stations	Portables	Specialty Spaces	SPED (Self- Contained)	Permanent Capacity	Portable Capacity	Total	2014-15 Enrollment	Permanent	Total w/ Portables	
Middle	Υ							· · ·			
Bbuntville MS	27	1	3	0	574	21	595	291	50.7%	48.9%	
Bluff City MS	26	0	5	0	553	0	553	359	64.9%	64.9%	
Colonial Heights MS	27	6	9	0	574	128	701	397	69.2%	56.6%	
Holston MS*	35	0	7	1	733	0	733	452	61.7%	61.7%	
Holston Valley MS	14	1	4	0	298	21	319	192	64.4%	60.2%	
North MS	20	0	3	0	425	0	425	347	81.6%	81.6%	
Total	149	8	31	1	3,157	170	3, 326	2,038	64.6%	61.3%	
	702 002			1007							

Utilization Key:

70% - 80% 80% - 90% 90% - 100% > 100%

\*Holston Middle includes Innovation Academy program



#### **Middle School Recommended Capacity**

- 3,157 permanent middle school seats
- 2,038 total 2014-15 middle school enrollment
- Total permanent "as programmed" middle school utilization of 64.6%



#### **High School Recommended Capacity**

Capacity Analysis			R	ecommende	ed/Maxim um				2014.15	Utilization based on Recommended Capacity	
School Name	Total Teaching Stations	Portables	Specialty Spaces	Career Tech	SPED (Self- Contained)	Permanent Capacity	Portable Capacity	Total	2014-15 Enrollment	Permanent	Total w/ Portables
High											
Suli∨an Central HS	61	2	15	14	0	1,237	43	1,279	962	77.8%	75.2%
Suli∨an East HS	54	5	12	14	0	1,088	106	1,194	926	85.1%	77.6%
Suli∨an North HS	52	0	12	11	0	1,058	0	1,058	532	50.3%	50.3%
Suli∨an South HS	70	0	13	18	1	1,400	0	1,400	906	64.7%	64.7%
Total	237	7	52	57	1	4,783	149	4,931	3,326	69.5%	67.5%
Utilization Key:	70% - 80%	80% - 90%	90% - 100%	> 100%							



#### **High School Recommended Capacity**

- 4,783 permanent high school seats
- 3,326 total 2014-15 high school enrollment
- Total permanent "as programmed" high school utilization of 69.5%



- Cross references student attendance and the attendance zone in which a student resides
- Live & Attend are students who live in and attend their zoned school
- Transfer In are students who attend a school from outside of the attendance zone
- Transfer Out are students that leave their attendance zone to attend another school



									A	tten	d						
2		15 Sullivan County mentary School Live/Attend	Blountville ES	Bluff City ES	Central Heights ES	Emmett ES	Holston ES	h dian Springs ES	Ketron ES	Mary Hughes K-8	Miller Perry ES	Rock Springs ES	Sullivan Gardens K-8	Weaver ES	Live h	Transfer Out	% Transfer Out
		Blountville ES	413	2	5	2	15	9	1	-	-	-	1	3	451	38	8.4%
		Bluff City ES	3	417	-	5	3	-	-	13	1	1	-	12	455	38	8.4%
	ţγ	Central Heights ES	14	1	179	-	6	6	2	-	-	3	-	-	211	32	15.2%
	County	Emmett ES	3	2	-	342	1	-	-	2	-	1	-	13	364	22	6.0%
	ō.	Holston ES	6	-	2	-	272	2	1	4	5	3	1	-	296	24	8.1%
		Indian Springs ES	2	2	7	-	15	327	-	-	3	10	2	-	368	41	11.1%
	Sullivan	Ketron ES	1	-	10	-	2	19	651	-	-	10	2	-	695	44	6.3%
	١İ٧	Mary Hughes K-8	1	47	1	-	9	1	-	268	-	-	-	-	327	59	18.0%
c	iul	Miller Perry ES	2	-	-	-	2	3	1	-	218	20	-	-	246	28	11.4%
Live In	S	Rock Springs ES	-	-	-	-	2	-	-	-	15	273	12	1	303	30	9.9%
<u>, š</u>		Sullivan K-8	1	-	-	-	-	-	5	-	1	27	279	-	313	34	10.9%
		Weaver ES	-	6	-	13	2	-	-	4	-	-	-	245	270	25	9.3%
		John Adams ES	3	-	2	-	2	9	1	-	117	73	13	1	221	-	-
	-	Andrew Jackson ES	1	-	-	-	-	-	10	-	-	4	5	-	20	-	-
	ort	ThomasJefferson ES	-	-	-	-	-	3	18	-	-	2	-	-	23	-	-
	Kingspo	Andrew Johnson ES	1	-	-	-	2	3	-	-	3	6	2	-	17	-	-
	DG.	John F Kennedy ES	-	-	-	-	-	-	9	-	1	-	-	-	10	-	-
	Kir	Abraham Lincoln ES	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
		Theodore Roosevelt ES	-	-	-	-	-	-	5	-	-	2	1	-	8	-	-
		George Washington ES	-	-	1	-	-	-	2	-	1	2	2	-	8	-	-
	Out of District / Unmatched (Both Districts) Attend Live & Attend Transfer In		8	9	2	4	13	4	12	15	14	20	7	9	117	-	-
			459	486	209	366	346	386	718	306	380	457	327	284			
			413	417	179	342	272	327	651	268	218	273	279	245			
			46	69	30	24	74	59	67	38	162	184	48	39			
		% Transfer In	10.0%	14.2%	14.4%	6.6%	21.4%	15.3%	9.3%	12.4%	42.6%	40.3%	14.7%	13.7%			



									Atte	and					
			5 Sullivan County School Live/Attend	Blountville MS	Bluff City MS	Colonial Heights MS	Holston MS	Holston Valley MS	Mary Hughes K-8	North MS	Sullivan Gardens K-8	Innovation Academy	Live In	Transfer Out	% Transfer Out
			Blountville MS	267	4	1	12	-	1	1	-	16	302	35	11.6%
			Bluff City MS	3	323	-	-	22	11	-	-	12	371	48	12.9%
			Colonial Heights MS	-	-	264	2	-	-	1	10	21	298	34	11.4%
	Ē	ပိ	Holston MS	4	2	-	302	-	-	-	3	21	332	30	9.0%
		Sullivan	Holston Valley MS	-	4	-	-	162	1	-	-	3	170	8	4.7%
		ville	Mary Hughes K-8	3	22	1	5	-	132	-	-	2	165	33	20.0%
	Live	Sı	North MS	2	-	2	10	-	-	313	1	10	338	25	7.4%
			Sullivan K-8	-	-	6	-	-	-	1	156	2	165	9	5.5%
		Kingsport	John Sevier MS	-	1	-	-	-	-	11	-	3	15	-	-
		King	Ross N Robinson MS	3	-	115	10	-	1	17	5	15	166	-	-
			Out of District / Unmatched (Both Districts)	6	6	8	2	8	5	4	4	2	45	-	-
			Attend	288	362	397	343	192	151	348	179	107			
			Live & Attend	267	323	264	302	162	132	313	156	-			
			Transfer In	21	39	133	41	30	19	35	23	-			
			% Transfer In	7.3%	10.8%	33.5%	12.0%	15.6%	12.6%	10.1%	12.8%	-			



					A	tten	d	13 17	
2014		livan County High I Live/Attend	Sullivan Central High	Sullivan East High	Sullivan North High	Sullivan South High	Live In	Transfer Out	% Transfer Out
	nty	Sullivan Central	885	10	13	29	937	52	5.5%
Ľ	Cou	Sullivan East	18	899	-	5	922	23	2.5%
Live In	Sullivan County	Sullivan North	10	-	429	3	442	13	2.9%
	Sull	Sullivan South	9	-	8	627	644	17	2.6%
	Kingsport	Dobyns-Bennett	15	-	79	224	318	-	-
		Out of District / Unmatched (Both Districts)	21	27	5	20	73	-	-
		Attend	958	936	534	908	-	-	-
Live & Attend		885	899	429	627	-	-	-	
	Transfer In			37	105	281	-	-	-
		% Transfer In	7.6%	4.0%	19.7%	30.9%	-	-	-



# **Basis of Survey**

- Life Safety Code / Building Code
- ADA Americans with Disability Act
- Infrastructure
- Envelope
- 'Wear and Tear'



# Overview

•

- <u>Elementary Schools</u> Facility conditions range from excellent to poor. Average age of schools is 60 years. Infrastructure replacement, ADA requirements and site restraints are concerning key issues.
- <u>Middle Schools</u> Facility conditions range from good to poor. Average age of schools is 70 years. Disconnected buildings, life safety and ADA issues, coupled with accumulated 'wear and tear' are concerning key issues.

<u>High Schools</u> – High School facilities are in good condition with infrastructure needing improvements.



SCHOOL	LIFE SAFETY	ADA	INFRASTRUCTURE		OTHER	
BLOUNTVILLE ELEMENTARY	•Stair handrails •Majority of building – not sprinklered •Exterior steps •Interior handrails •Emergency escape windows •Fire alarm upgrades	•Elevator •Door hardware	Plumbing fixtures     Plectrical / communication     wiring and raceways     Lighting controls	•Wood construction	• Repair floor cracks • Two modulars	2.0
BLUFF CITY ELEMENTARY	•Fire alarm upgrades	<ul> <li>Ramp handrails</li> <li>Handicap seating in auditorium</li> <li>Stage access</li> <li>Toilets</li> <li>Door hardware</li> </ul>	Ok	<ul> <li>Gutters and downspouts</li> <li>Kitchen roof</li> <li>Built-up roof areas</li> <li>Wood construction</li> </ul>	•Site circulation •Main entrance	3.5
CENTRAL HEIGHTS ELEMENTARY	•Building is not sprinklered •Fire alarm upgrades	*Toilets	•Replace sewage treatment plant	<ul> <li>Repair gutters</li> <li>Rooftop unit leaks</li> <li>Replace seals at window glazing</li> <li>Recoat roof (metal)</li> </ul>		3.5
EMMETT ELEMENTARY	Ok	•Stage access	<ul> <li>Lighting upgrades</li> <li>Upgrade switchgear at older cafeteria</li> </ul>	•Reroof kitchen / gym	•Septic system repair	4.5
HOLSTON ELEMENTARY & MIDDLE	•Rated doors at mechanical rooms •Fire alarm system	• Toilets • Door hardware	<ul> <li>Replace toilet lavatories</li> <li>Lighting controls</li> </ul>	•Building facade		3.5
MARY HUGHES ELEMENTARY & MIDDLE	<ul> <li>Upgrade fire alarm</li> <li>Building is not sprinklered</li> <li>Emergency egress at auditorium</li> <li>Stair / step handrails</li> <li>Emergency egress windows</li> </ul>	•Toilet facilities •Door hardware •Gym bleachers access •Stage access •Elevator •Auditorium access	•HVAC system replacement •Upgrade electrical •Domestic water piping •Sanitary waste piping	•Wood construction •Partial reroof		1.5



SCHOOL	LIFE SAFETY	ADA	INFRASTRUCTURE	ENVELOPE	OTHER	RATING
INDIAN SPRINGS ELEMENTARY	<ul> <li>Extinguishing system at kitchen hood</li> <li>Handrails at stairs / steps</li> <li>Building is not sprinklered</li> <li>Kitchen hood replace</li> <li>Upgrade fire alarm</li> </ul>	• Toilet facilities • Music room access • Door hardware • Stage access • Elevator	<ul> <li>Sanitary waste piping</li> <li>Floor drains at kitchen</li> <li>Domestic water piping</li> <li>Replace HVAC system</li> </ul>	•Reroof •Wood construction	• Deteriorated wood floor	2.0
KETRON ELEMENTARY	Ok	Ok	Ok	•Reroof gym / kitchen	•Extend west storm sewer	4.5
MILLER PERRY ELEMENTARY	• Handrails • Upgrade fire alarm • <mark>Replace kitchen hood</mark>	•Upgrade toilets	Replace HVAC system     Steam piping     Domestic water piping	•Partial reroof		2.5
ROCK SPRINGS ELEMENTARY	•Upgrade fire alarm	•Door hardware •Toilet facilities •Stage access	<ul> <li>Replace classroom heat pumps</li> <li>Upgrade electrical / outlets</li> </ul>	<ul> <li>Copings – rust</li> <li>Roof recoat / replace curbs</li> </ul>		3.0
SULLIVAN GARDENS ELEMENTARY	<ul> <li>Cafeteria not sprinklered</li> <li>Upgrade fire alarm</li> </ul>	•Door hardware	•Lighting controls	•Replace gym roof		3.5
WEAVER ELEMENTARY	<ul> <li>Handrails</li> <li>Dead-end corridor – lower level</li> <li>Emergency egress windows</li> <li>Upgrade fire alarm</li> <li>Sprinkler building</li> </ul>	•Door hardware	<ul> <li>Toilet renovations</li> <li>Wood roof replacement</li> <li>Stormwater piping</li> <li>Floor cracks</li> <li>Steam piping</li> <li>Domestic water heater</li> <li>Replace HVAC system</li> </ul>	•Reroof • Wood construction	•Four temporary classrooms	1.5
BLOUNTVILLE MIDDLE SCHOOL	• Gym handrails •Steps at gym • Kitchen hood •Emergency egress windows	• Toilet facilities • Door hardware • Elevator		• Replace fascia • Wood construction • Roof replacement		2.5



SCHOOL	LIFE SAFETY	ADA	INFRASTRUCTURE	ENVELOPE	OTHER	Rating
BLUFF CITY MIDDLE	• Gym handrails • Outside exit at stairwell • Sprinkler building • Upgrade fire alarm • Emergency egress windows	•Toilet access •Door hardware	<ul> <li>Renovate toilets</li> <li>Exterior doors</li> <li>Lighting controls</li> <li>Electrical upgrades</li> <li>Deteriorating out buildings</li> </ul>	•Wood construction	<ul> <li>Insufficient parking</li> <li>Site vehicular circulation</li> </ul>	2.0
COLONIAL HEIGHTS MIDDLE	<ul> <li>Cafeteria exit</li> <li>Sprinkler building</li> <li>Areaway handrails</li> <li>Fire alarm upgrades</li> <li>Entrance steps</li> </ul>	• Door hardware • Toilet access • Stage access	•Replace HVAC system •Electrical upgrades	•Gym roof panels	•Six modular classrooms	2.5
HOLSTON VALLEY MIDDLE	• Exterior ramp not compliant • Stage exit • Cafeteria exit • Cafeteria access • Fire alarm upgrades	<ul> <li>Gym seating</li> <li>Auditorium seating</li> <li>Stage access</li> <li>Entrance</li> <li>Elevator</li> <li>Door hardware</li> </ul>	•Renovate toilets •Water heater •Electrical upgrades	•Gutters / downspouts	•Out buildings deteriorating	2.5
SULLIVAN GARDENS MIDDLE	<ul> <li>Handrails</li> <li>Team dressing exit</li> <li>Emergency egress windows</li> <li>Enclose exit stair</li> <li>Sprinkler building</li> <li>Fire alarm upgrades</li> </ul>	• Door hardware • Stage access • Gym seating • Toilets • Elevator	<ul> <li>Condition basement areas</li> <li>Floor crack repair</li> <li>Steam piping</li> <li>Electrical upgrades</li> <li>Lighting controls</li> <li>Replace HVAC system</li> </ul>	<ul> <li>Reroof gym</li> <li>Wood roof replacement</li> </ul>	<ul> <li>Stormwater runoff at building</li> <li>Stormwater at football field</li> </ul>	1.5



SCHOOL	LIFE SAFETY	ADA	INFRASTRUCTURE	ENVELOPE	OTHER	RATING
SULLIVAN CENTRAL HIGH	<ul> <li>Handrails</li> <li>Entry step repairs</li> <li>Sprinkler building</li> <li>Emergency egress windows</li> </ul>	• Door hardware • Pool access (interior)	<ul> <li>Floor in dish wash</li> <li>Pool HVAC replacement</li> <li>Replace hot / chilled piping system</li> <li>Replace plumbing fixtures</li> <li>Replace HVAC system</li> <li>Electrical upgrades</li> </ul>	<ul> <li>Glass replacement at CTE</li> <li>Replace exterior doors</li> </ul>	•Replace pool floor drains	3.0
SULLIVAN EAST HIGH	•Handrails • <mark>Sprinkler main building</mark> •Kitchen hood •Fire alarm upgrade	• Toilet partitions • Door hardware • Little theater access • Elevator at CTE	<ul> <li>Sewer pipe to waste treatment</li> <li>Replace HVAC system</li> <li>Domestic water piping</li> <li>Electrical upgrades</li> </ul>	Roof drainage	•Extensive paving •Four temporary classrooms •CTE alterations	3.0
SULLIVAN NORTH HIGH AND MIDDLE	•Upgrade sprinkler	• Auditorium seating • Door hardware • Elevator at CTE	<ul> <li>Settlement at stairs</li> <li>Floor cracks at CTE</li> <li>Replace plumbing fixtures Replace majority of HVAC rooftop and interior units</li> <li>Lighting controls</li> </ul>	<ul> <li>Roof curbs / rooftop units</li> <li>Metal roof</li> </ul>	•Pool abandoned	3.0
SULLIVAN SOUTH HIGH	•Rate mechanical rooms •Handrails •Upgrade sprinkler	<ul> <li>Auditorium seating</li> <li>Handicap access at 'pit'</li> <li>Exterior ramp at auditorium</li> <li>Handwash sinks</li> <li>Door hardware</li> </ul>	<ul> <li>Replace toilet partitions</li> <li>Leaks at rooftop units</li> <li>Window gaskets</li> <li>Pool glazing</li> <li>Repair wall at pool</li> <li>Replace pool heater</li> <li>Replace plumbing fixtures</li> <li>Replace majority of water heaters</li> <li>Replace majority of indoor and rooftop units</li> <li>Lighting controls</li> </ul>	•Reroof	•Theater seating	3.0



# **Summary**

• With the exception of recently renovated elementary schools, Sullivan County facilities are in need of extensive renovations and updates.



## **Next Steps**

Community Dialogue #1 – Monday, November 3, 2014 Steering Committee # 3 – Tuesday, December 2, 2014

**Project Web Site:** 

http://www.dejongrichter.com/projects/sullivan-county-department-of-education/

Contact Tracy trichter@dejongrichter.com

