

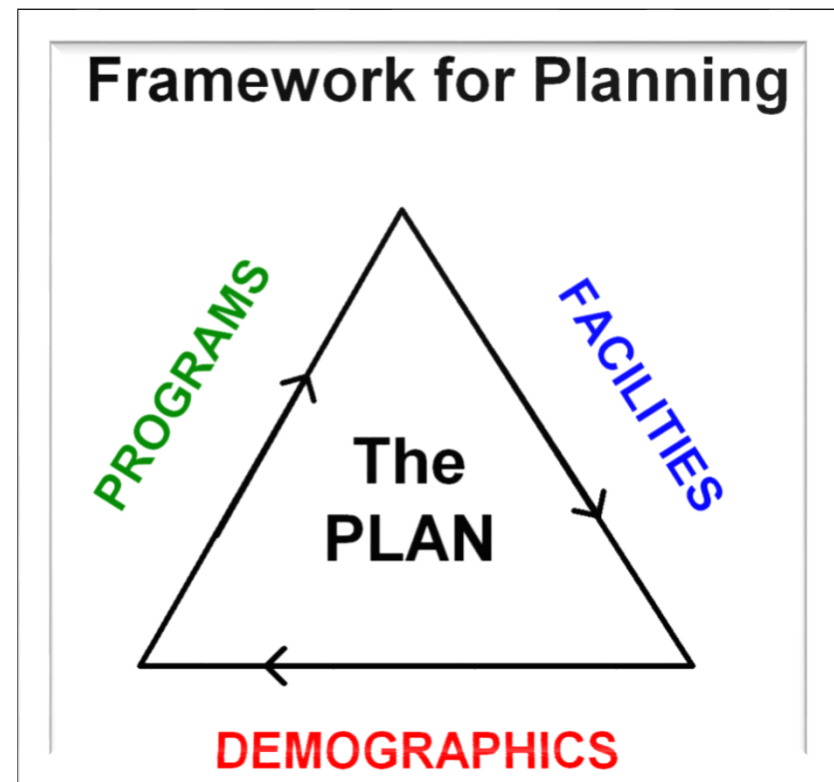
EMPAC

**Educators Model for Planning
Attendance and Construction**

Effective Planning with EMPAC

*“Education is about
students and not the
buildings that must
support programs and
house the **students**”*

Kelley D. Carey



Only EMPAC enables you to use computer mapping to:

- Plan on the fly with groups of staff and parents to evolve a great master plan together.
- Redistrict neighborhoods, open, expand or close schools, etc., to create unlimited alternative district plans.
- Project all impacts (demographics, facilities, programs) of every plan for each of the next five years in seconds – not weeks.
- Provide full printed reports and maps of each planning alternative for review.

“At last computer mapping and comprehensive school district master planning are joined together by EMPAC!”

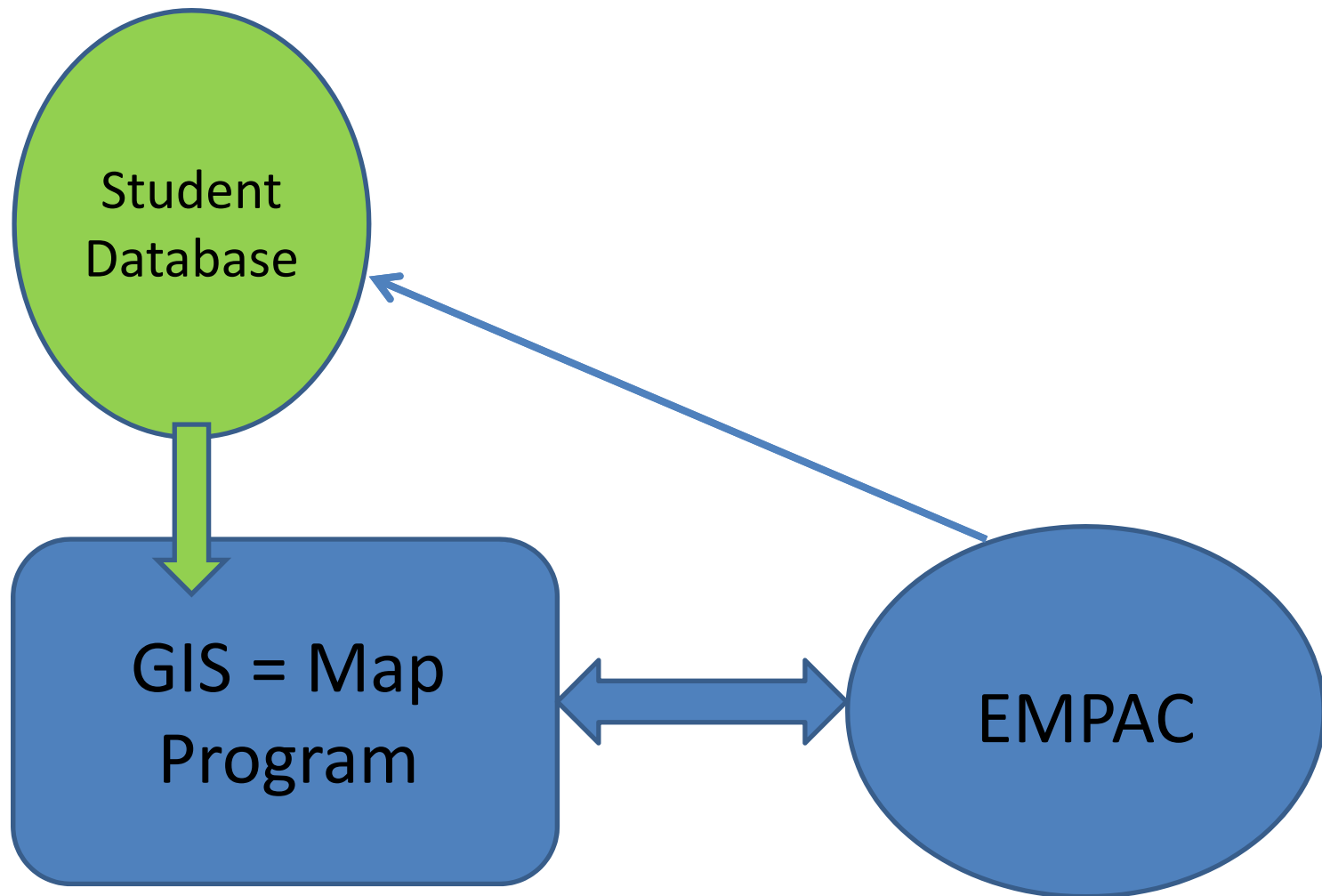
- Kelley Carey

“Computer mapping of students for redistricting and facilities planning, without projecting five year enrollments by grades and neighborhoods, is like planning for yesterday.”

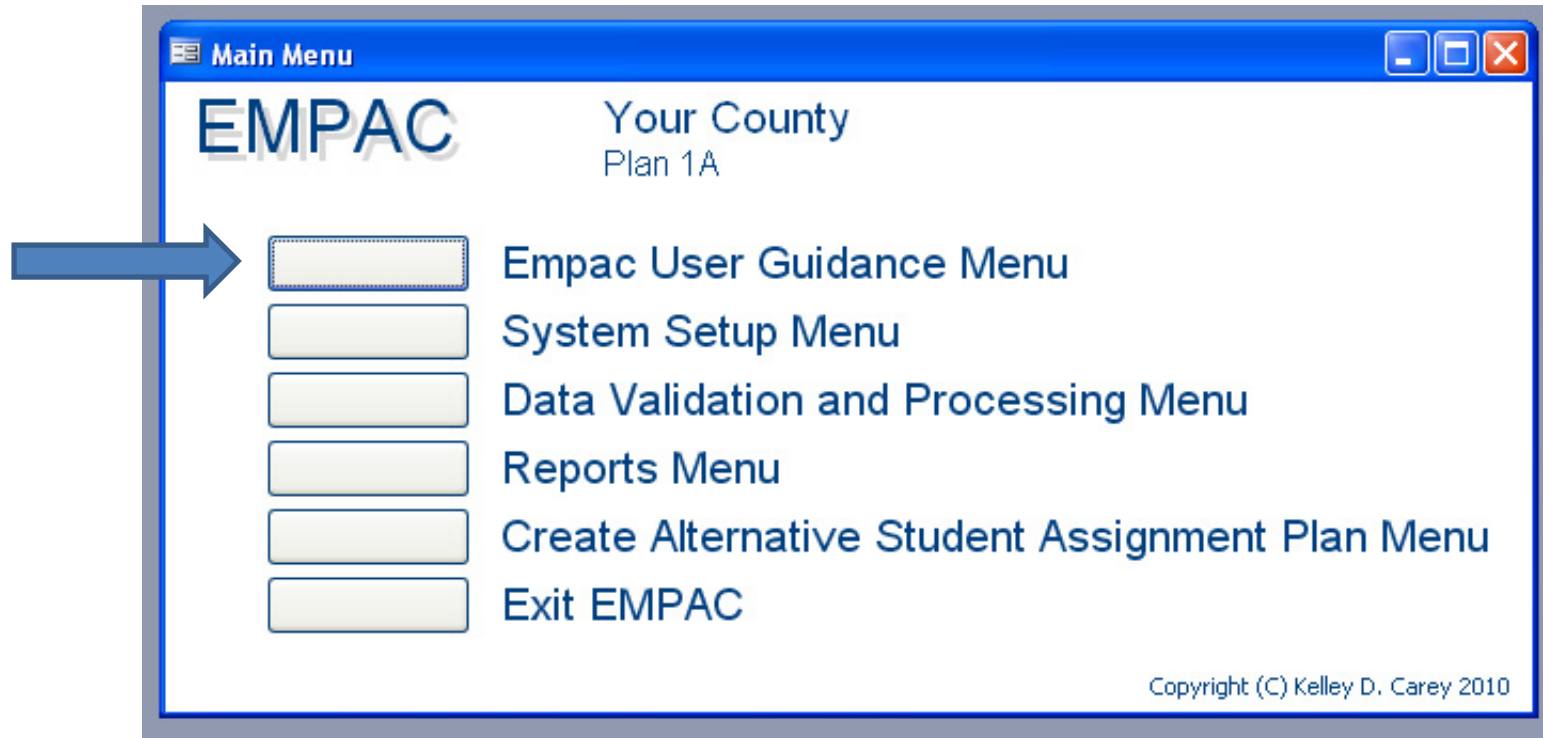
Kelley D. Carey



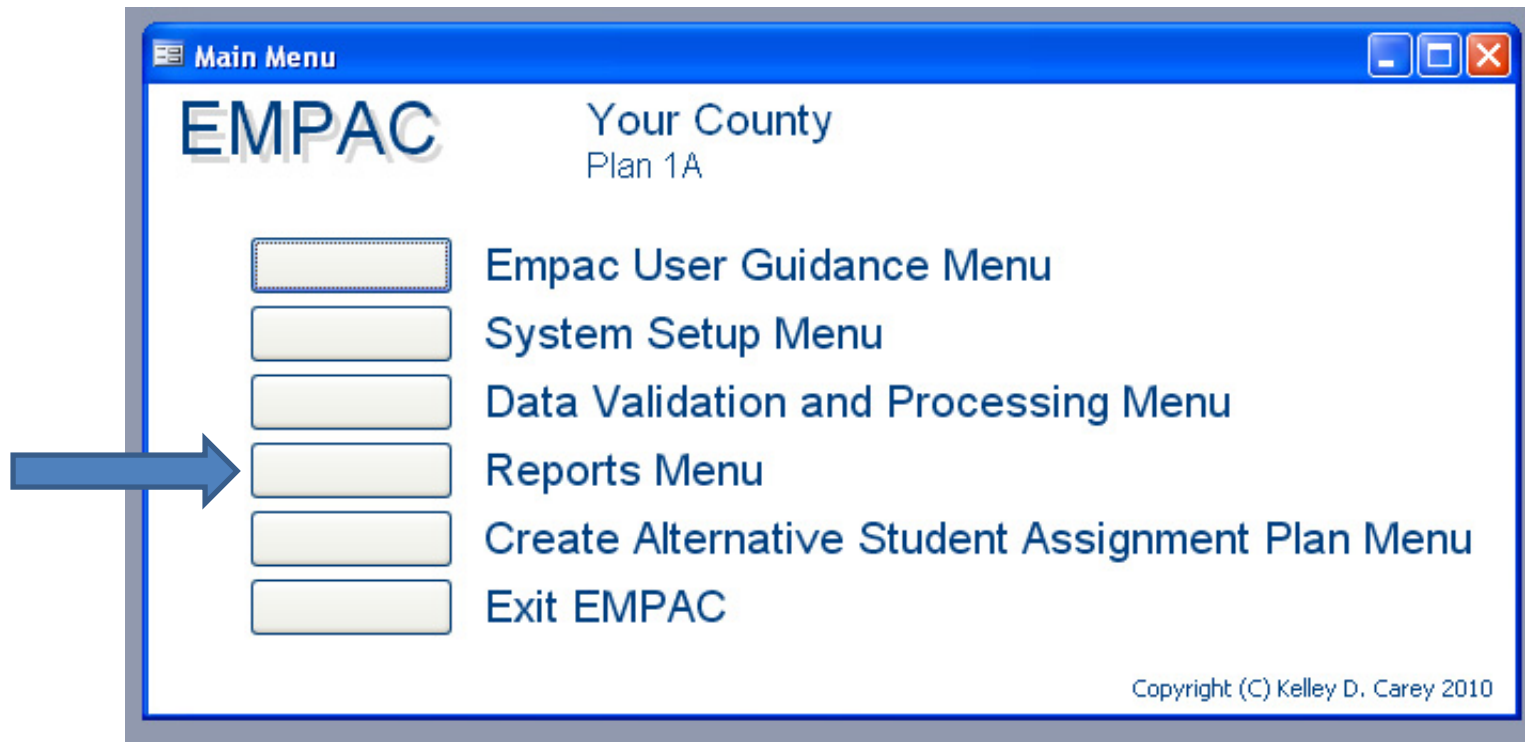
How does EMPAC interface with existing student data?



Easy to Use Menu Guides



Easy to understand and find what you need



Reporting and Analysis

Reports Menu

EMPAC Your County
Plan 1A

All Reports On This Menu Are Based On Resident Students Only

Select For Printing Preview Report

<input type="checkbox"/>	<input type="button" value=""/>	System Wide Enrollment Trends	<input type="button" value=""/>	Five Year Planning Reports Menu
<input type="checkbox"/>	<input type="button" value=""/>	System Wide Enrollment Trends Graph	<input type="button" value=""/>	Return to Main Menu
<input type="checkbox"/>	<input type="button" value=""/>	System Wide Summary Enrollment Trends		
<input type="checkbox"/>	<input type="button" value=""/>	System Wide Summary Enrollment Trends Graph		
<input type="checkbox"/>	<input type="button" value=""/>	Historical Enrollment Patterns		
<input type="checkbox"/>	<input type="button" value=""/>	Projected Enrollment Patterns		
<input type="checkbox"/>	<input type="button" value=""/>	Projected Classroom Needs		
<input type="checkbox"/>	<input type="button" value=""/>	Change In Enrollment From Current Year to Next Year		
<input type="checkbox"/>	<input type="button" value=""/>	Change In Enrollment From Current Year to Fifth Year		
<input type="checkbox"/>	<input type="button" value=""/>	One Year Enrollment Change Graphs		
<input type="checkbox"/>	<input type="button" value=""/>	Five Year Enrollment Change Graphs		
<input type="checkbox"/>	<input type="button" value=""/>	Summary of Birth and Enrollment Trends		
<input type="checkbox"/>	<input type="button" value=""/>	Cohort Grade to Grade Survival Trends		
<input type="checkbox"/>	<input type="button" value=""/>	School Level Grade to Grade Survival Factors		

Print

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Wide Range of Analytical Reports and Graphs

Planning Reports Menu

EMPAC Your County Plan 1A

Current Year By Zoned School	By NPU	By School
<input checked="" type="checkbox"/> <input type="text"/> Current Year By Zoned School	<input type="checkbox"/> <input type="text"/> Ethnicity	<input type="checkbox"/> <input type="text"/> Ethnicity
<input checked="" type="checkbox"/> <input type="text"/> Current Year NPU Assignment to School	<input type="checkbox"/> <input type="text"/> Gender	<input type="checkbox"/> <input type="text"/> Gender
<input checked="" type="checkbox"/> <input type="text"/> Projected Enrollment Patterns By School	<input type="checkbox"/> <input type="text"/> Lunch Status	<input type="checkbox"/> <input type="text"/> Lunch Status
<input checked="" type="checkbox"/> <input type="text"/> Projections By NPU	<input type="checkbox"/> <input type="text"/> ESL	<input type="checkbox"/> <input type="text"/> ESL
<input checked="" type="checkbox"/> <input type="text"/> NPU Compare First Year to Fifth Year	<input type="checkbox"/> <input type="text"/> Math and English	<input type="checkbox"/> <input type="text"/> Math and English
<input checked="" type="checkbox"/> <input type="text"/> Current Year Showing NPU Assignment		
<input checked="" type="checkbox"/> <input type="text"/> Redistricting Worksheet		
<input checked="" type="checkbox"/> <input type="text"/> Capacity Planning		
<input checked="" type="checkbox"/> <input type="text"/> Capacity Planning Graph		
<input checked="" type="checkbox"/> <input type="text"/> Transferring Students		
<input type="checkbox"/> <input type="text"/> Analysis Of Students Transferring Out		
<input checked="" type="checkbox"/> <input type="text"/> Analysis Of Students Transferring Into		
<input checked="" type="checkbox"/> <input type="text"/> Projected Enrollment Pattern Adjusted For Current Transfers		
<input checked="" type="checkbox"/> <input type="text"/> Resident Students Compared To Capacity		
<input checked="" type="checkbox"/> <input type="text"/> School Enrollment Capacity Magnet and Charter		
<input type="checkbox"/> <input type="text"/> Impacts Of Student To School Assignment Plan On Facilities Needs In Five Years		

Print Checked Reports

Back To Reports Menu

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EMPAC - Reports are easy to read and understand for planning

District Wide Enrollments Trends

The following table of enrollment trends is divided into two parts. The first section shows enrollment by grade for the entire school system for each of the last five years, including the current term. The second part of the table shows the projected enrollment for each of the coming five years.

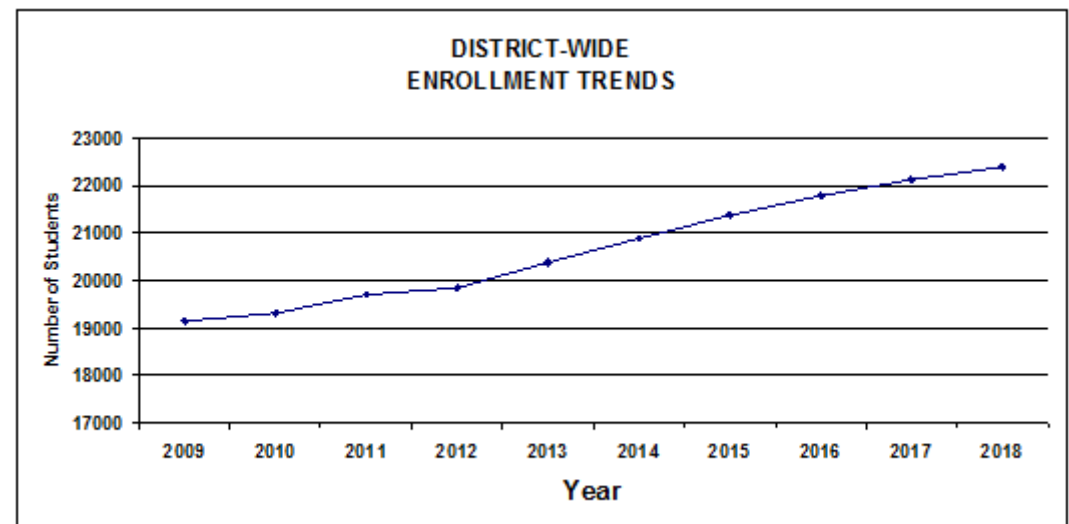
Please note the total enrollment to the right for each year. Growth and decline in a school system are due to changes in birth rates and changes in and out migration. Changes in birth rate and migration are indicated especially at the first grade level. Comparing total first grade enrollment from year to year shows in general what direction the school system will be taking in the next five years, especially at the elementary level.

Historical

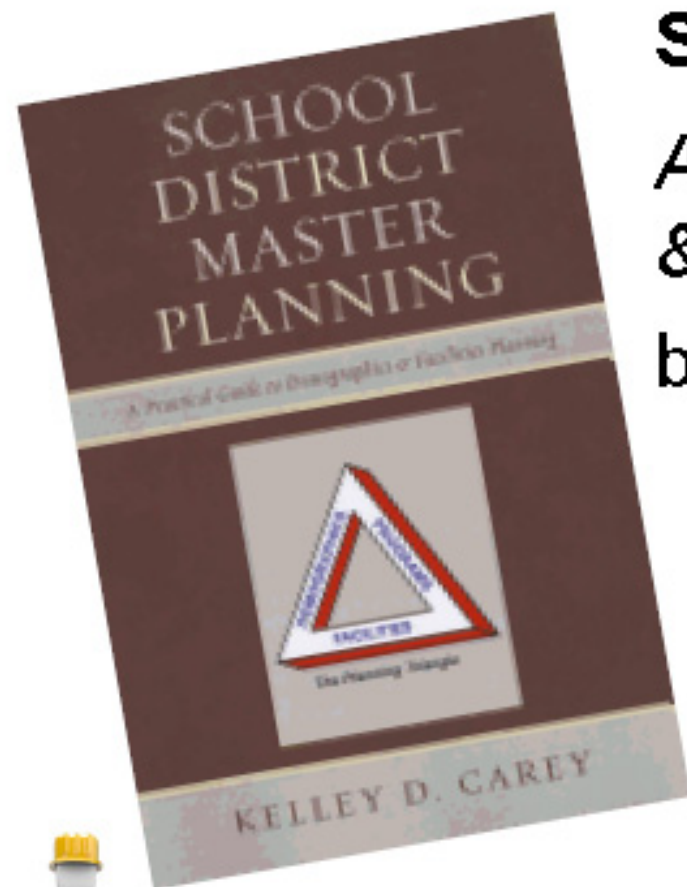
Year	PreK	K	1	2	3	4	5	6	7	8	9	10	11	12	SC	Total
2009	713	1510	1498	1547	1439	1436	1336	1355	1433	1379	1670	1491	1251	1090	0	19148
2010	817	1518	1530	1477	1505	1409	1418	1308	1365	1378	1826	1415	1116	1237	0	19319
2011	848	1581	1586	1543	1532	1536	1445	1454	1336	1333	1646	1540	1213	1104	0	19697
2012	782	1626	1609	1587	1535	1514	1564	1456	1436	1368	1568	1499	1261	1029	0	19834
2013	822	1663	1695	1594	1603	1552	1536	1558	1486	1451	1596	1502	1250	1069	0	20377

Projected

Year	PreK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
2014	797	1580	1701	1720	1626	1641	1595	1550	1591	1538	1709	1515	1263	1072	20898
2015	756	1531	1616	1727	1754	1665	1687	1609	1583	1647	1812	1622	1274	1084	21367
2016	749	1452	1565	1640	1762	1796	1712	1702	1643	1638	1940	1720	1364	1093	21776
2017	749	1438	1485	1588	1673	1804	1846	1727	1738	1701	1930	1841	1447	1170	22137
2018	749	1438	1471	1507	1620	1713	1855	1863	1763	1799	2004	1832	1548	1242	22404



Effective Planning ~ Resource



School District Master Planning *A Practical Guide to Demographics & Facilities Planning* by **Kelley D. Carey**

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