



OAKLAND
COMMUNITY
COLLEGE

**Oakland Community College
Demographic Profile
Diesel Technology (DHE)
Fall 2004-Winter 2006**

Final Report

Prepared by:
The Office of Institutional Research
Ghausia M. Ali, Primary Researcher
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TABLE OF CONTENTS

	Page
Executive Summary	2
<u>List of Charts</u>	
Chart 1: Gender Comparison	3
Chart 2: Reported Race Comparison	4
Chart 3: Educational Goals Comparison	5
Chart 4: Credits Earned Comparison	6
Chart 5: Highest Degree Obtained Comparison	7
<u>List of Tables</u>	
Table 1: Age Comparison.....	3
Table 2: Credits Earned (Complete Statistics) Comparison	6
<u>Appendices:</u>	
Appendix A: Residency Map (DHE Student Residency by Zip Code)	10
Appendix B: Residency Map (Student Residency Winter 2006).....	11

Executive Summary

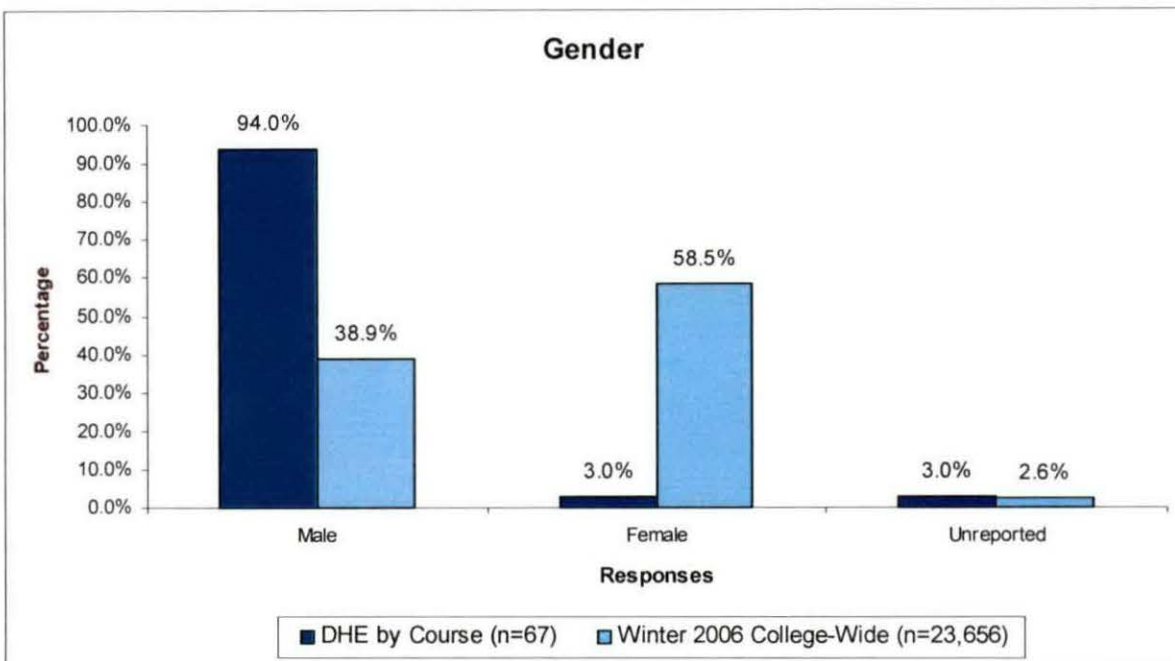
- Two groups were compared for the Diesel Technology (DHE) Demographic Analysis: students who enrolled in a DHE course (n=67) and the OCC Winter 2006 college-wide population (n=23,656). Analyses of the students enrolled in DHE courses include students from Fall 2004 to Winter 2006. Data regarding student's enrollment in Diesel Technology courses were extracted from Datatel queries.
- Students enrolled in Diesel Technology courses were slightly older (Mean – 29.8 years, Median – 23.0 years, Mode – 21.0 years) than the Winter 2006 college-wide population (Mean – 27.9 years, Median – 24.0 years, Mode – 20.0 years).
- Ninety-four percent (94.0%) of students taking courses in Diesel Technology were male as opposed to students (college-wide) in the Winter 2006 term, who were mostly female (58.5%).
- Most students taking a Diesel Technology course (76.1%) were Caucasian while 6.0% were African-American. Students (college-wide) in the Winter 2006 population were also mostly Caucasian (63.2%), while 14.7% were African-American.
- Students taking courses in Diesel Technology did not report on immigration status. In the Winter 2006 (college-wide) population. Of those students who reported on immigration status, 40.9% are permanent residents and 29.0% are F-1 students.
- When asked about educational goals to accomplish at OCC, 38.8% of the students taking a course in Diesel Technology listed "to obtain an OCC degree or certificate" and 16.4% listed "to gain employment related knowledge" as their educational goals. Twenty-nine percent (29.4%) of the college-wide population in Winter 2006 also listed "to obtain OCC degree or certificate," while 21.4% reported "to transfer without obtaining degree or certificate" as their educational goals.
- Students taking a Diesel Technology course averaged nearly 37.5 credits earned while students (college-wide) in Winter 2006 averaged 24.8 credits.
- In terms of highest degree obtained, more than half of the students (58.2%) taking courses in Diesel Technology have a high school diploma. Similarly, most students (61.2%) in the Winter 2006 college-wide population reported having a high school diploma.
- Residency maps for students taking courses in Diesel Technology (n=42) and the Winter 2006 One-Tenth Day, college-wide population (n=23,656) are included (see Appendices).

Table 1: Age Comparison

Age	DHE by Course (n=67)	College-Wide Winter 2006 (n=23,581)
Mean	29.8 years	27.9 years
Median	23.0 years	24.0 years
Mode	21.0 years	20.0 years

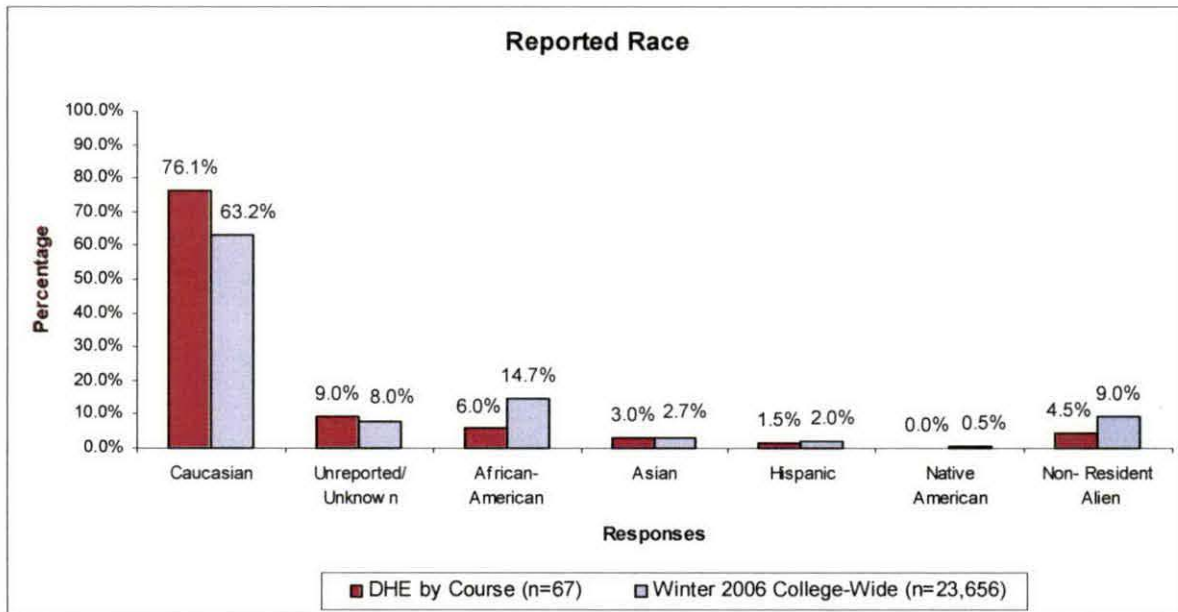
- Diesel Technology students (Mean: 29.8 years) were, on average, slightly older than the average Winter 2006 college-wide population (27.9 years).

Chart 1: Gender Comparison



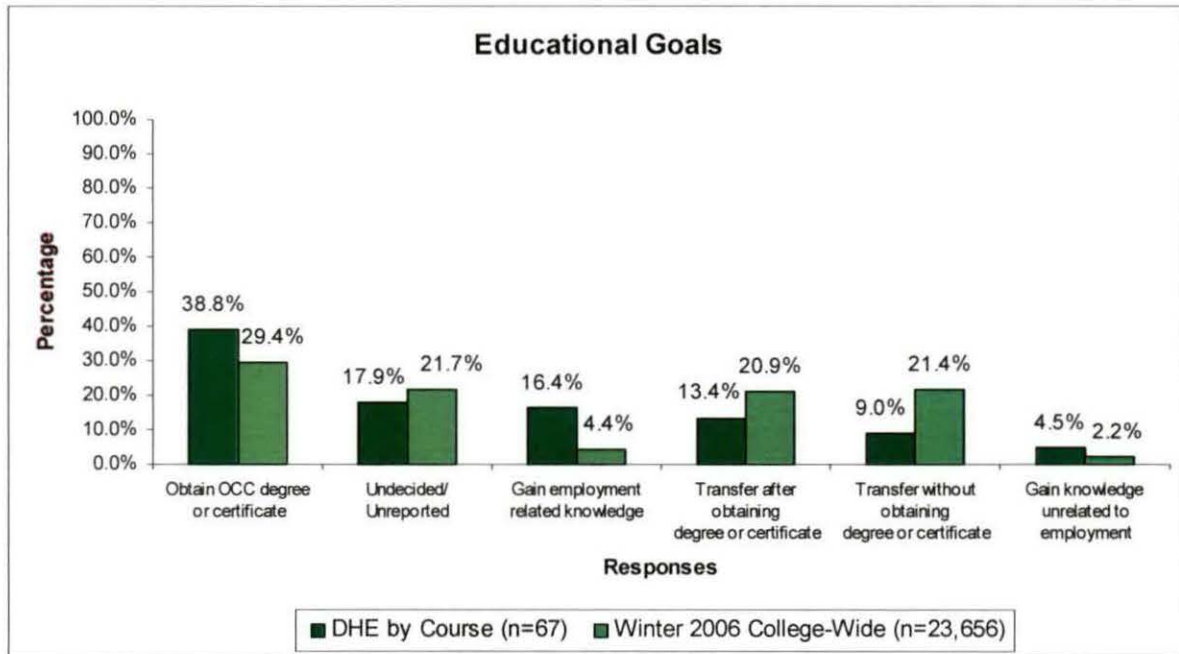
- Diesel Technology students were mostly male (94.0%). Compare this number with the Winter 2006 college-wide population, where more than half of the students were female (58.5%).

Chart 2: Reported Race Comparison



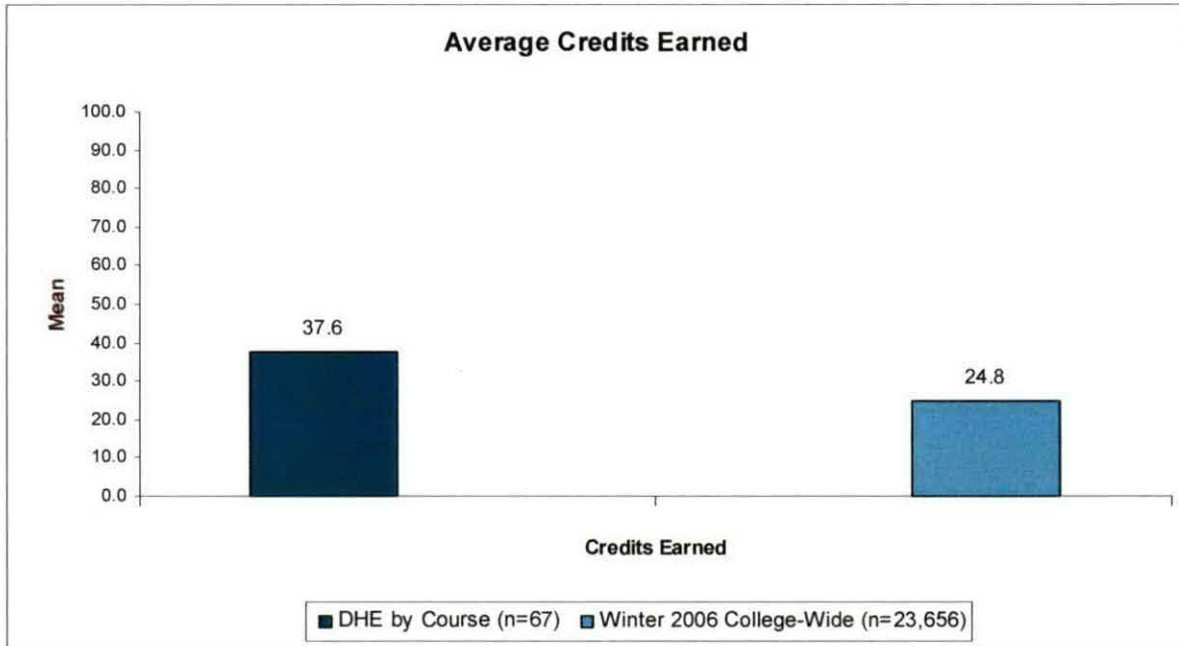
- With respect to students who have taken a Diesel Technology course, 77.6% were Caucasian. On a similar note, 63.2% of the college-wide Winter 2006 population were also Caucasian.

Chart 3: Educational Goals Comparison



- More than one-third (38.8%) of Diesel Technology students planned to obtain an OCC degree or certificate. Similarly, 29.4% of the Winter 2006 college-wide population are planning to graduate with an OCC degree or certificate.
- Less than half (9.0%) of the students taking Diesel Technology courses are planning to transfer without obtaining a degree or certificate. Compare this number to the Winter 2006 college-wide population, where 21.4% of the respondents are planning to transfer without obtaining a degree or certificate.

Chart 4: Credits Earned Comparison

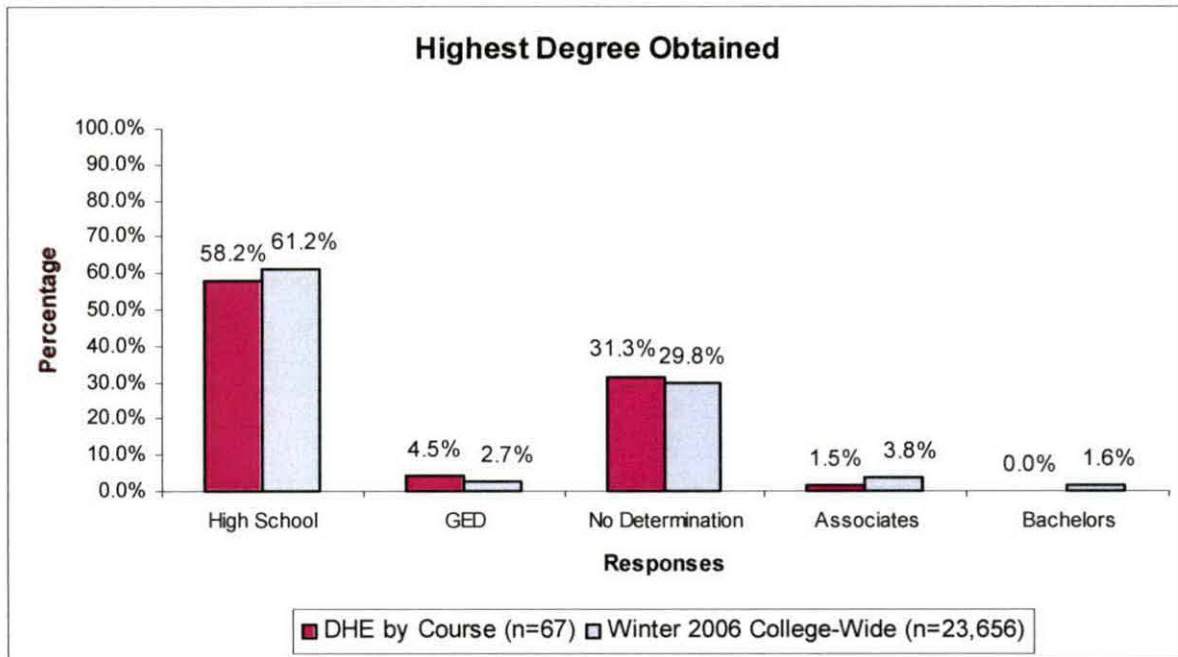


- Students taking courses in Diesel Technology on average have taken more credits (37.6) than the college-wide Winter 2006 student population (24.8).

Table 2: Credits Earned (Complete Statistics) Comparison

Credits Earned	DHE by Course (n=67)	College-Wide Winter 2006 (n=23,656)
Mean	37.6	24.8
Median	30.0	16.0
Mode	4.0	0.0

Chart 5: Highest Degree Obtained Comparison

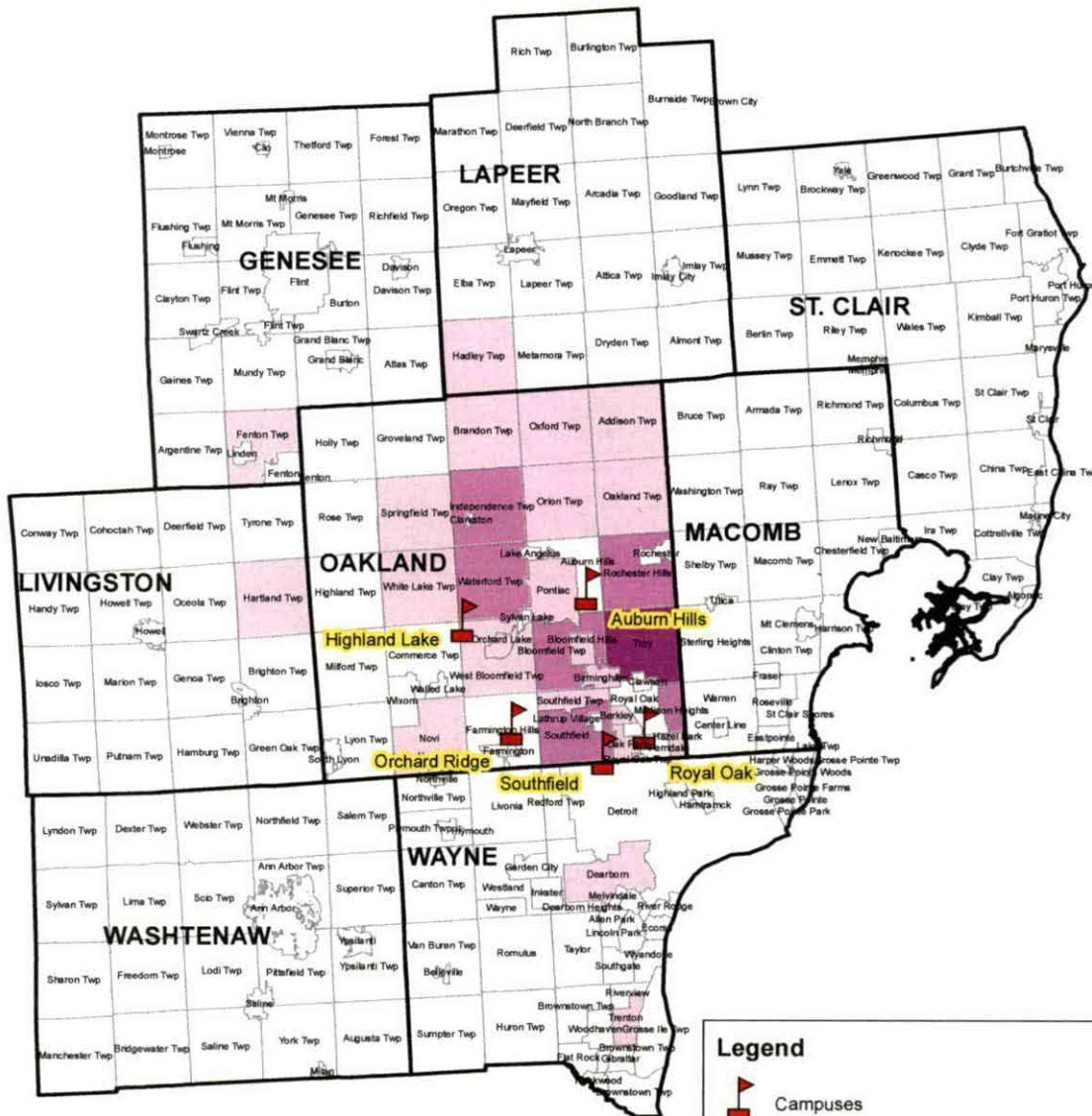


- More than half (58.2%) of students taking courses in Diesel Technology have obtained a high school diploma. On a similar note, 61.2% of the Winter 2006 college-wide population have obtained a high school diploma.

**Appendices (A and B)
Residency Maps**

The following pages provide residential density for Oakland County for DHE students (n=67) and for the Winter 2006, college-wide population (n=23,656).

Oakland Community College DHE Student Residency by Zip Code (n=67) Winter 2006

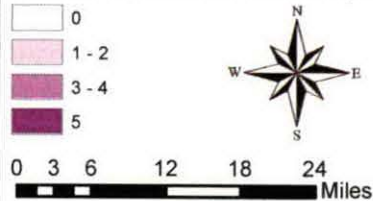


A total of 67 students were registered by the One-Tenth Day Winter 2006 semester with DHE as their course of study. Due to data and software limitations, 57 or 85% of the students are represented on this map.

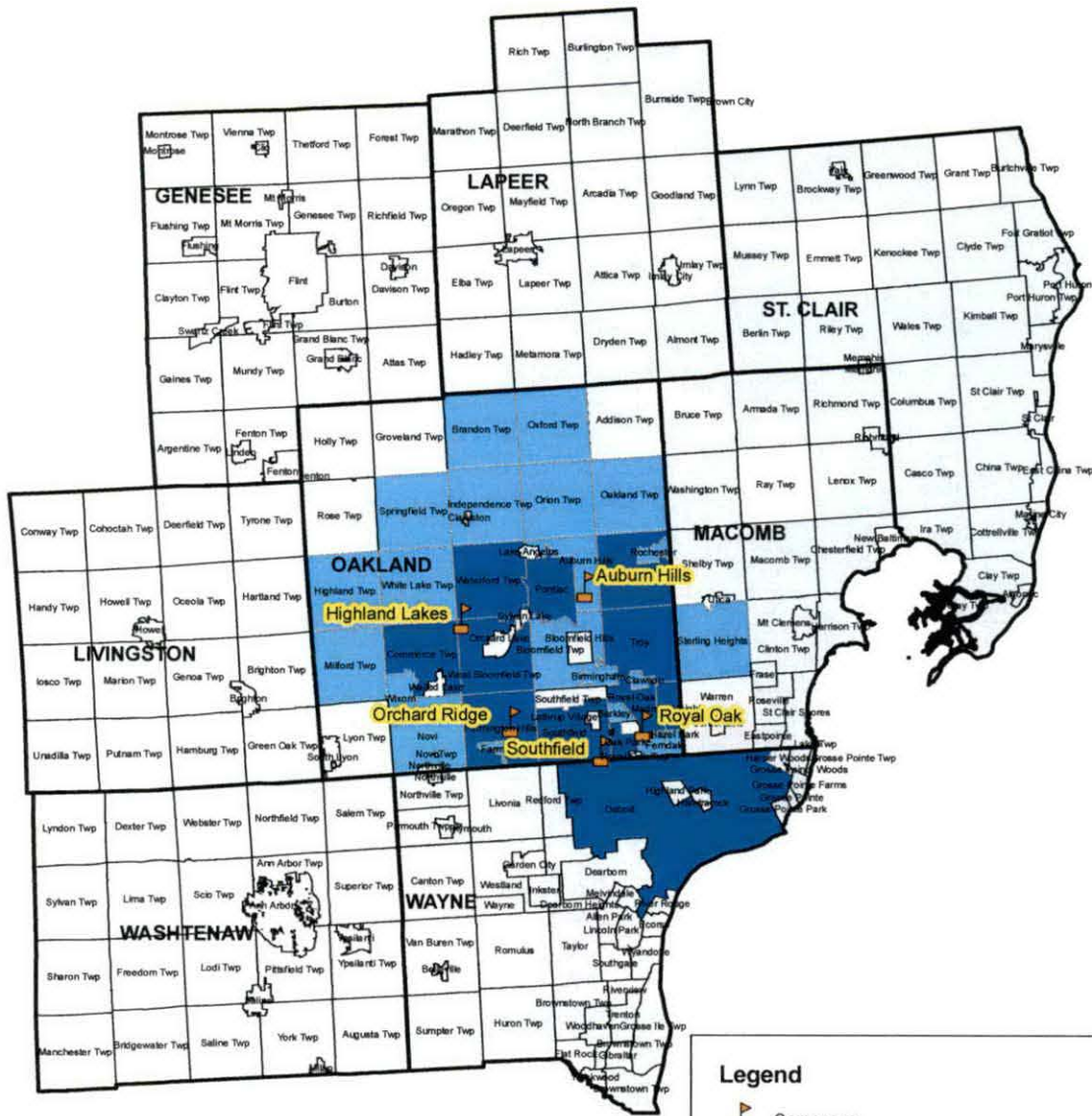
Legend

Campuses

Number of Students in Municipality



Oakland Community College Student Residency in Southeast Michigan Winter 2006



A total of 23,656 individuals enrolled during the Winter 2006 term. Due to data and software limitations, 19,711 or 83.3% of the students are represented on this map.