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**FLYERCONSULTING** 

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**IMPACT ASSESSMENT - FINAL  
ASSESSMENT  
VICTORY PROJECT**  
*2021*

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# IMPACT OVERVIEW

## IMPACT ASSESSMENT

### **PURPOSE:**

An Impact assessment is fundamentally about assessing change as a result of policy and program intervention within a community. This is developed with the purpose of helping the Victory Project's stakeholders, donors, and partners understand and maximize the impact of their contributions on the Dayton community.

### **METRIC STRATEGIES:**

An Impact assessment utilizes both quantitative and qualitative data to assess the change in trajectory of the lives of the Victory Project's students and the broader Dayton community as a whole as a result of the Victory Project intervention. These metrics are based on the Victory Project's 3E's curriculum; education, entrepreneurship, and enlightenment and are identified through its goals as an organization. They are then compared side by side with public data as a comparison of a student's trajectory from the Dayton area without the intervention of the Victory Project.

### **STUDENT AND COMMUNITY IMPACT STRATEGIES:**

For the student impact portion of this Impact Assessment, publicly available data from Dayton Public Schools pertaining to Victory Project's 3E's Curriculum, Education, Entrepreneurship, Enlightenment was compared to corresponding data from Victory Project to see quantitatively how VP intervention affects their students.

For the community impact portion, impact data from a study conducted by the Harvard Business School Association of Oregon on the Friends of the Children nonprofit program. Similarly to Victory Project, FOTC provides long term mentorship to at risk youths. While VP and FOTC are similar in



many regards, they also have differences that will be addressed further in the community impact portion.

## **STUDENT IMPACT DATA**

### **FUNDING AND SPENDING**

Funding is compared to find raw and adjusted spending per pupil. Raw spending per pupil looks only at total funding compared to the total number of students. FC understands this figure isn't entirely representative of the actual price associated with each individual student and as such also looks at adjusted spending per pupil. The adjusted spending per pupil measures the change in expenses as the number of students changes.

Dayton Public Schools **Spending Per Pupil:** \$13,252

Victory Project **Raw Spending Per Pupil:** \$1022.25

Victory Project **Adjusted Spending Per Pupil:** \$700.13

### **NUMBER OF STUDENTS**

Number of students helps us understand the scale of the project and is useful in calculating other metrics.

Dayton Public Schools **Number of Students:** 12,476

Victory Project **Number of Students:** 60

### **NUMBER OF WORKERS**

Number of workers is used to calculate a student\volunteer ratio. Having a higher ratio of staff to students has been shown to improve individual student success because it provides a more personalized experience with more individual attention.



Dayton Public Schools **Number of Workers:** 1035.5

Victory Project **Number of Workers:** 7

## **STUDENT:STAFF RATIO**

Dayton Public Schools **Student:Staff Ratio:** 12.04 students/staff

Victory Project **Student:Staff Ratio:** 2.72 students/staff

## **ABSENTEEISM**

An important indicator of classroom success. Education research shows that chronic absenteeism is closely correlated to academic performance and absenteeism is quickly emerging as states' most popular metric to meet national requirements to report "nontraditional" measures of student progress. Chronic absenteeism should be minimized.

Dayton Public Schools **Absenteeism:** 21.8%

Victory Project **Absenteeism:** 7.14%

## **GRADUATION RATE**

Four year graduation rate measures what percentage of students graduate high school. Four year graduation rate should be maximized.

Dayton Public Schools **Graduation Rate:** 72.2%

Victory Project **Graduation Rate:** 100%

## **COURT APPEARANCES**

Court appearances are a product of the very thing the Victory Project is working to combat: crime. Generally, individuals raised in high crime environments learn to emulate those actions themselves, eventually leading to court appearances. Court appearances should be minimized.

**Delinquency Case Rate:** 2.35% or 23.5/1000



Victory Project **Court Appearances:** 1.66%

## **CLASSROOM PROFICIENCY**

Grades are an integral measure of student ability and effort. Classroom proficiency is measured against the state's AYP proficiency standards and is calculated for both math and reading. For the Victory Project, we are going to take the percent of students with at least a C score in reading and math. Classroom proficiency should be maximized.

Dayton Public Schools **Math Proficiency:** 27.93%

Victory Project **Math Proficiency:** 64.29%

Dayton Public Schools **Reading Proficiency:** 33.2%

Victory Project **Reading Proficiency:** 60.71%

## **RELIGIOUS AFFILIATION**

Religious affiliation and spirituality are associated with happiness, health, and community cohesion and are important aspects of the Victory Project's objectives. Religious affiliation should be maximized in accordance with the Victory Project's objectives.

Dayton Public Schools **Religious Affiliation:** 48.2%

Victory Project **Religious Affiliation:** 42.86%

## **REVENUE GENERATED**

Revenue generated is a reference to the Victory Project's entrepreneurial branch and is measured by the Victory Project's business revenue generated annually. Since Dayton Public Schools has no basis for comparison, DPS will be given \$0 in this measure. Revenue generated should be maximized in accordance with the Victory Project's objectives.

Dayton Public Schools **Revenue Generated:** \$0



Victory Project **Revenue Generated:** \$22,400

## COMMUNITY IMPACT DATA

### HARVARD FOTC STUDY

The Harvard FOTC study titled “Breaking the Cycle of Poverty: Social Return on Investment” researched the effects of breaking the cycle of poverty through a nonprofit called Friends of the Children. This study researched the effects on three different groups, FOTC graduates, their siblings and classmates, and their children and grandchildren and calculated a social return on investment based on cost-benefit analysis. Friends of the Children is a nonprofit organization similar to Victory Project in providing well-rounded support and resources to at risk individuals. The most significant difference between Followers of the Children and Victory Project is student tenure with FOTC’s program lasting 12.5 years while Victory Project’s is much shorter on average. In this portion of the impact assessment, we are going to compare the data from the FOTC study to the work of the Victory Project to quantify the impact of VP on the Dayton community. Since FOTC tenure is longer than VP’s we are going to show data using a range of possible values for comparative effectiveness. For example we are going to show data assuming VP’s work is 100% and 50% as effective as FOTC’s and see varying degrees of impact within the community.

According to the FOTC study, for every 100 FOTC graduates, society gains:

- 24 more high-school or college graduates
- 59 fewer teen parents
- 30 fewer people getting an early start in prison and correspondingly fewer victims of the crimes they would have committed

The study estimates \$3.4 million in lifetime social benefit due to mentoring each FOTC graduate. This can be broken down as:

- \$972,000 toward graduates
- \$1.032 million toward children and grandchildren



- \$739,000 toward siblings
- \$612,000 toward classmates

These dollar values are calculated by

- Combining data on poverty and birth rates with the effects of FOTC Graduates to estimate how many children and grandchildren would escape poverty and how big the benefit would be
- The lifetime benefit of each FOTC graduate is 33% due to education, 35% from avoiding the justice system, 26% from avoiding teen parenting, 6% from lower healthcare costs
- For siblings and classmates, the effects are similar to graduates but smaller for each individual but affecting multiple individuals

With VP's current 60 student roster, assuming VP will produce between 3-10 graduates each year, using the conservative 50% estimate of the FOTC study's data, Victory Project would have an annual social impact of between **\$5.1 million and \$17 million** in lifetime social benefit. Going further, using the 100% estimate of the FOTC study's data estimates Victory Project's annual social impact at between **\$10.2 million and \$34 million** in lifetime social benefit. In the next 10 years, assuming Victory Project stays completely the same, which is a conservative assumption, estimated impact ranges from **\$51 million to \$340 million** in lifetime social benefit. These results are highly promising on the part of VP and its quantified impact on the community.





## **WORKS CITED**

### **HARVARD FOTC STUDY**

<https://friendsofthechildren.org/uploads/boston/Resources-Documents/Harvard-Business-School-SROI.pdf>

### **FUNDING AND SPENDING**

<https://reportcard.education.ohio.gov/district/finance/043844>

### **NUMBER OF STUDENTS**

<https://reportcard.education.ohio.gov/district/detail/043844>

### **NUMBER OF WORKERS**

<https://reportcard.education.ohio.gov/district/detail/043844>

### **ABSENTEEISM**

<https://reportcard.education.ohio.gov/district/detail/043844>

### **GRADUATION RATE**

<https://reportcard.education.ohio.gov/district/gradrate/043844>

### **COURT APPEARANCES**

<https://ojjdp.ojp.gov/sites/g/files/xyckuh176/files/media/document/juvenile-court-statistics-2018.pdf>

### **CLASSROOM PROFICIENCY**

2018-2019 AMO District Scores Spreadsheet

### **RELIGIOUS AFFILIATION**

<https://www.bestplaces.net/religion/city/ohio/dayton>



