

School & Student Data

Data by 2023

In China, primary and middle schools are part of compulsory education, meaning all children and adolescents must receive free education, and the government ensures equal access and quality across regions.

High schools are part of non-compulsory education, with significant mobility as students often attend schools outside the district.

| | School count | Enrollment | In-school students | Teacher count | Teacher-student ratio |
|----------------------|--------------|------------|--------------------|---------------|-----------------------|
| Primary School | 25 | 13,210 | 65,320 | 3,581 | 1:18.24 |
| Middle School | 21 | 8,585 | 23,637 | 1,778 | 1:13.29 |
| *General High School | 30 | 14,737 | 43,315 | 4,123 | 1:10.51 |

*Data based on Huzhou City, not only Wuxing District

Ecosystem Overview

Territorial Diagnosis of the School Food System in Wuxing District, Huzhou

Desk Research & Questionnaires & Interviews

Persona of Middle School Teachers

Young Teacher
Age: 27
Education: Master's degree
Teaching Experience: 2 years

Characteristics and Behaviors:

- Problem-Oriented:**
 - Focuses on the individual needs of students, such as health conditions, dietary preferences, and family backgrounds.
 - Inclined to suggest specific improvements, like increasing healthy food options or providing more guidance.
- Resource Constraints:**
 - Limited authority and support to drive changes at the school level.
 - Faces challenges in aligning personal concerns with broader institutional goals.

Motivations:

- Strives for the holistic development of students.
- Desires to make a meaningful impact within the school environment.

Pain Points:

- Innovations or personal suggestions might be overlooked.
- Lacks experience in navigating complex intra-school coordination or resource allocation issues.

School Administrator
Age: 50s
Education: Graduated from a vocational college
Teaching Experience: Nearly 30 years

Characteristics and Behaviors:

- Focus on Collective Interests:**
 - Prioritizes overall school operations, such as canteen efficiency and maintaining collective standards.
 - While individual student needs are considered, collective welfare typically takes precedence.
- Conservative Approach:**
 - Views new policies or initiatives with caution, focusing on potential risks or implementation challenges.
 - Prefers gradual pilot programs or traditional methods over sweeping reforms.

Motivations:

- Ensures campus stability and collective satisfaction.
- Reduces external criticism and enhances the school's reputation.

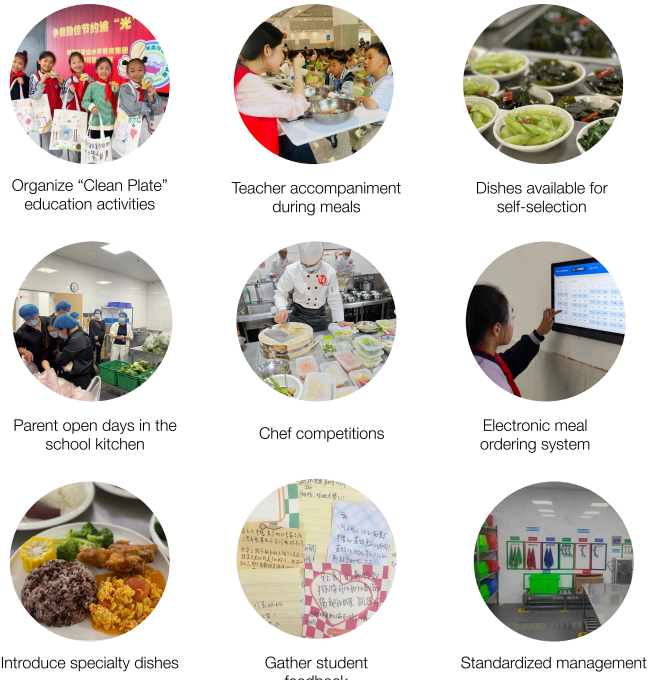
Pain Points:

- Diverse student needs may conflict with existing management systems.
- Reluctance to reallocate resources or implement new measures may create friction with younger teachers.

School Meal Trends & Comparisons

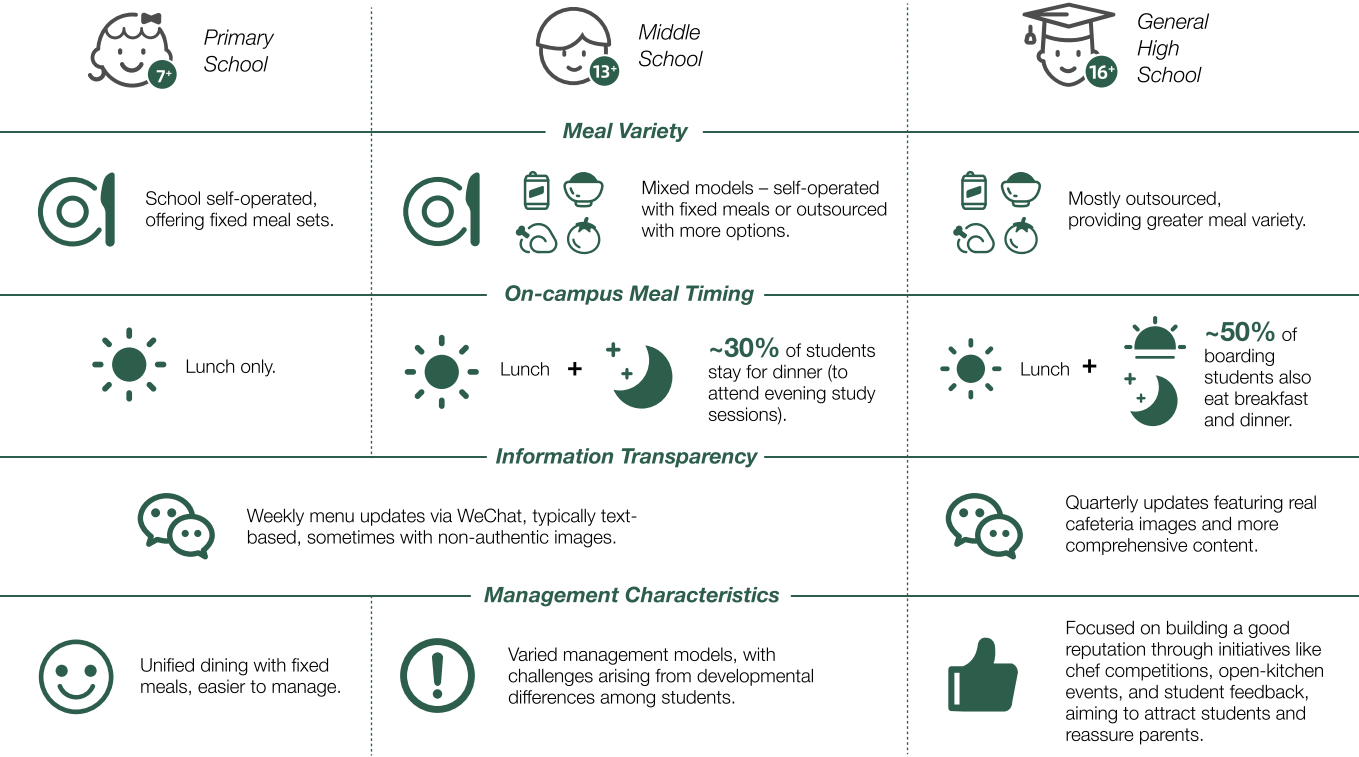
Overall Trend

Some schools have taken measures to actively optimize and improve canteen meals, focusing on diversity and nutritional value. The following pictures are from 6 primary schools, middle schools and high schools.

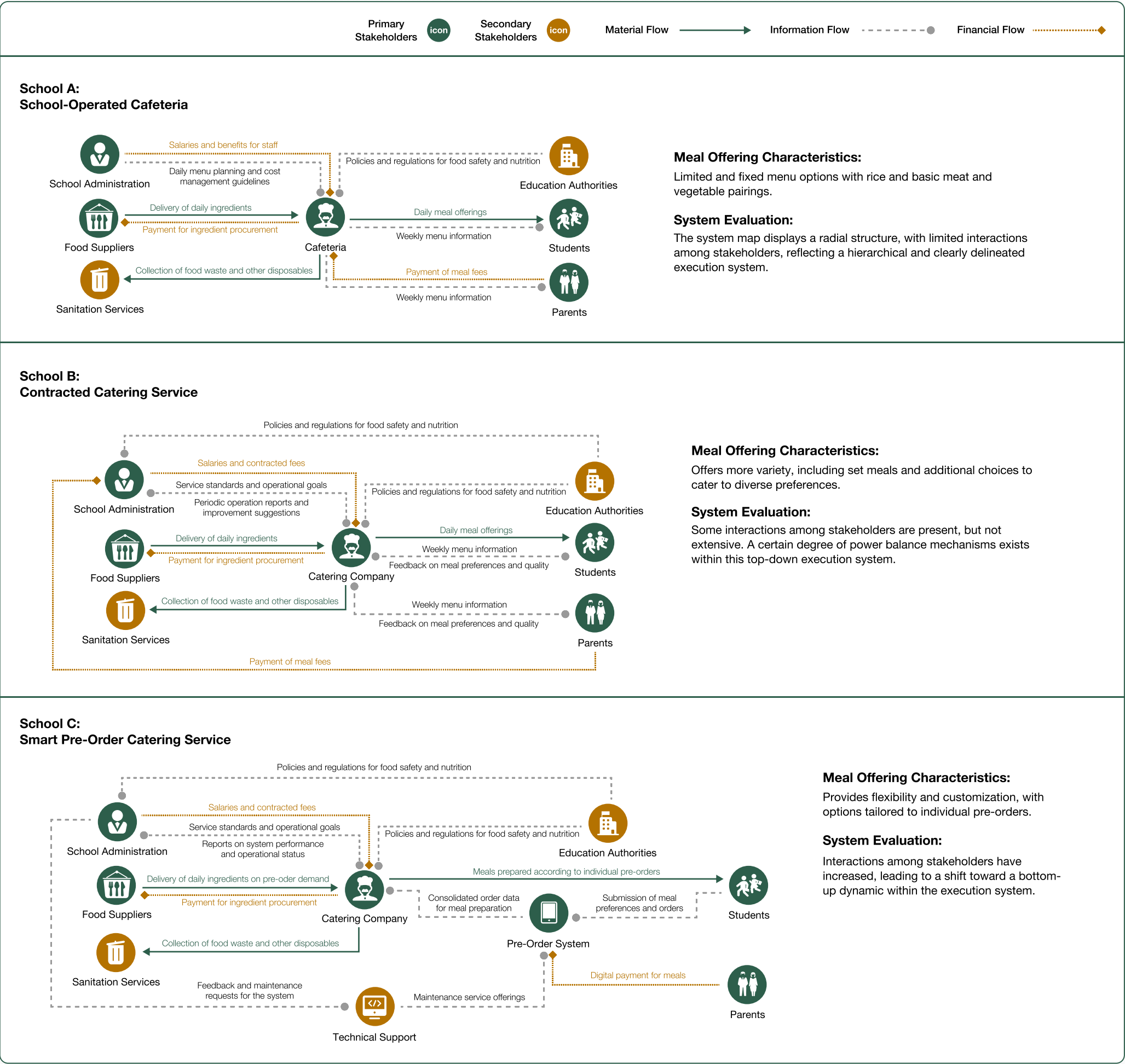


Horizontal Comparison Across Primary, Middle, and High Schools

Research based on public primary, middle, and high schools in Wuxing District with stable student enrollment.



Mapping Food Service Systems in Middle Schools



On-Campus Convenience Store & Off-Campus Street Vendors

Inexpensive and unhealthy foods, yet carrying childhood memories.



Common Foods in Middle School Menus

After analyzing the weekly menus from four middle schools in Wuxing District, a comprehensive ingredient list was compiled.

Hight-Frequency

- Vegetables** • Onion • Tomato • Potato • Green vegetables (e.g., bok choy) • Cabbage
- Meat and Eggs** • Chicken (e.g., wings, drumsticks, filets) • Egg
- Soy Products** • Tofu
- Staples** • Rice

Medium-Frequency

- Vegetables** • Black fungus (wood ear mushroom) • Shiitake mushroom • Cabbage (Napa or common) • Kelp • Celluce (stem lettuce)
- Meat and Eggs** • Sliced beef (e.g., fatty beef) • Pork belly • Pork ribs • Dried shrimp (shrimp skin) • Cured chicken leg • Sausage
- Soy Products** • Dried bean curd (tofu skin)
- Staples** • Rice cakes • Vermicelli (glass noodles) • Wheat noodles
- Seasonings & Additives** • Pickled vegetables • Chestnut

Low-Frequency

- Vegetables** • Celery • Chinese chives • Bamboo shoots (dried)
- Meat and Eggs** • Quail eggs

Daily Routine in Middle School

