



# **Link up with Enterprises in Industry to Promote Graduate Employment**

— Summary Report on 2018 Graduate Employment

School of Urban Rail Transportation

**(Prepared by the Student Office of School of Urban Rail Transportation)**

In 2018, under the strong leadership of the leaders at the SUES and our School levels and guidance of the Student Career Guidance Center, with the strong support and cooperation of Shanghai Shentong Metro Group, Shanghai Railway Bureau, Hangzhou Metro Group, Ningbo Metro Group, and other rail transit enterprises, and with the unremitting joint efforts of the faculty and staff of our School, we have made great progress in employment promotion, achieved our desired results, and yielded positive results.

I. Overview of graduate employment work of the School of Urban Rail Transportation in 2018

## **1. Overall situation**

There were a total of 414 graduates in 2018 from the School of Urban Rail Transportation (as of August 25), mainly involving 4 undergraduate programs (Vehicle Engineering (Rail Transit Vehicle), Rail Transit Signals and Control, Transportation (urban rail transit operation management), and Traffic Engineering), 2 vocational college programs (Urban Rail Transit Engineering Technology (communication signal) and Urban Rail Transit Operation Management), and 2 postgraduate programs (Vehicle Engineering and Transportation Engineering). Please refer to the figure below for the distribution of 2018 graduates by education level.

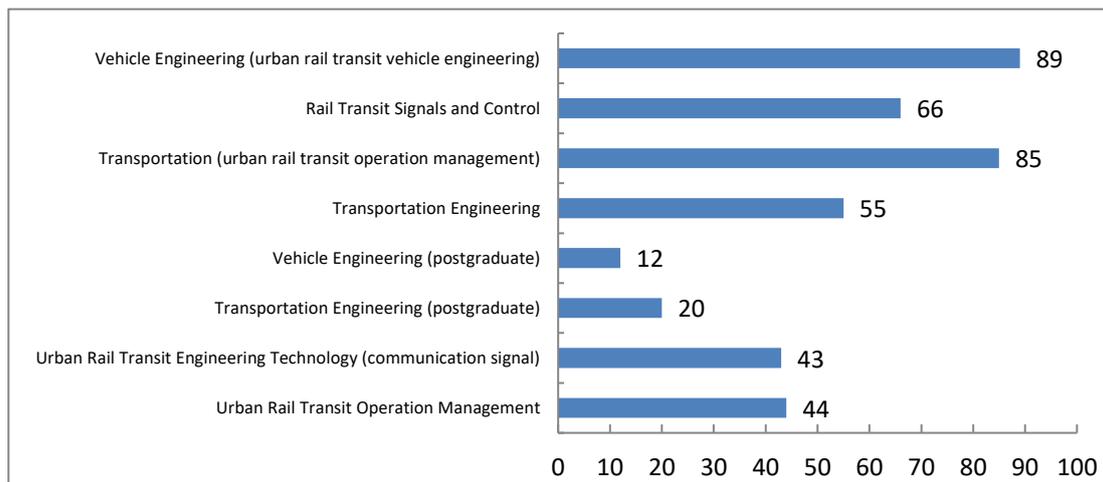


Figure 1. Distribution of graduates by education level

(1). Distribution of graduates by educational level

Among the 2018 graduates from the School of Urban Rail Transportation, 32 were postgraduate students (accounting for 7.73%), 295 were undergraduate students (accounting for 71.26%), and 87 were vocational college students (accounting for 21.01%).

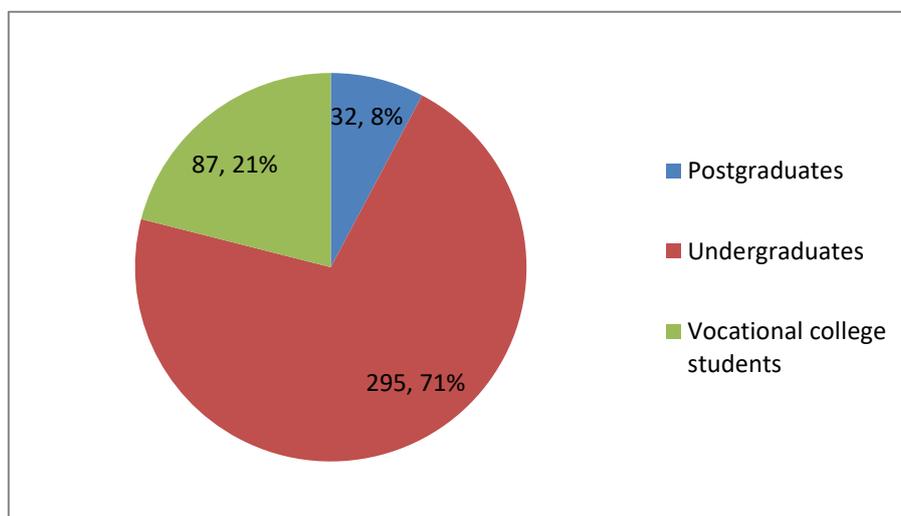


Figure 2. Distribution of graduates by educational level

(2) Male to female ratio

Among the 2018 graduates from the School of Urban Rail Transportation, 325 were males (accounting for 78.50%) and 89 were females (accounting for 21.50%), with a male to female ratio of 3.65:1. The male to female ratio was 4.2:1 in undergraduate students, 3:1 in postgraduate students, and 2.6:1 in vocational college students.

(3). Distribution of graduates by origin of student

Among the 2018 graduates from the School of Urban Rail Transportation, 151 were local students from Shanghai (accounting for 36.47%), and 263 were non-local students (accounting for 63.53%). Among the local students from Shanghai, 115 were undergraduate students (accounting for 39.38%), 34 were vocational college students (accounting for 39.08%) and 2 were postgraduate students (accounting for 6.25%).

Please see the figure below for the distribution of graduates by origin of student at each education level.

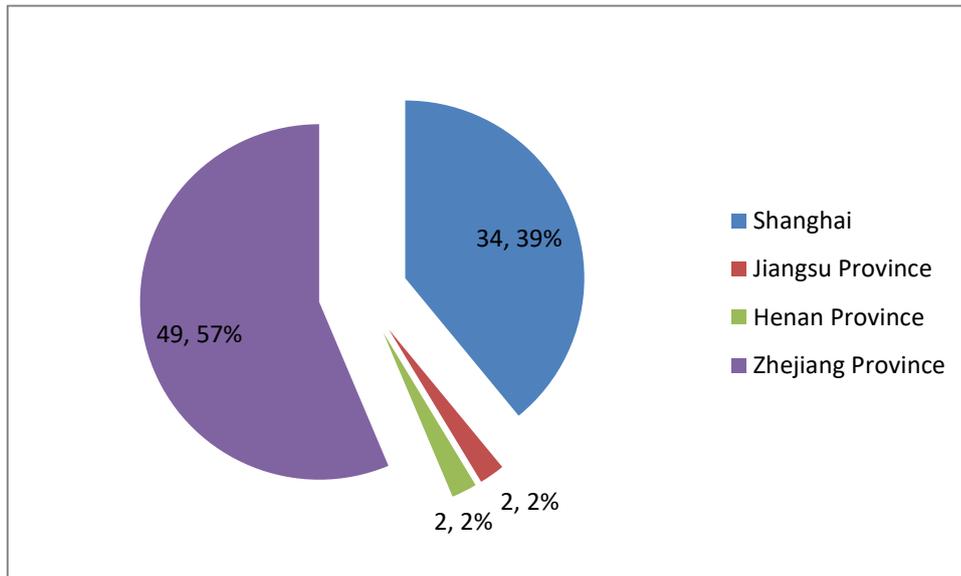


Figure 3. Distribution of vocational college graduates by origin of student

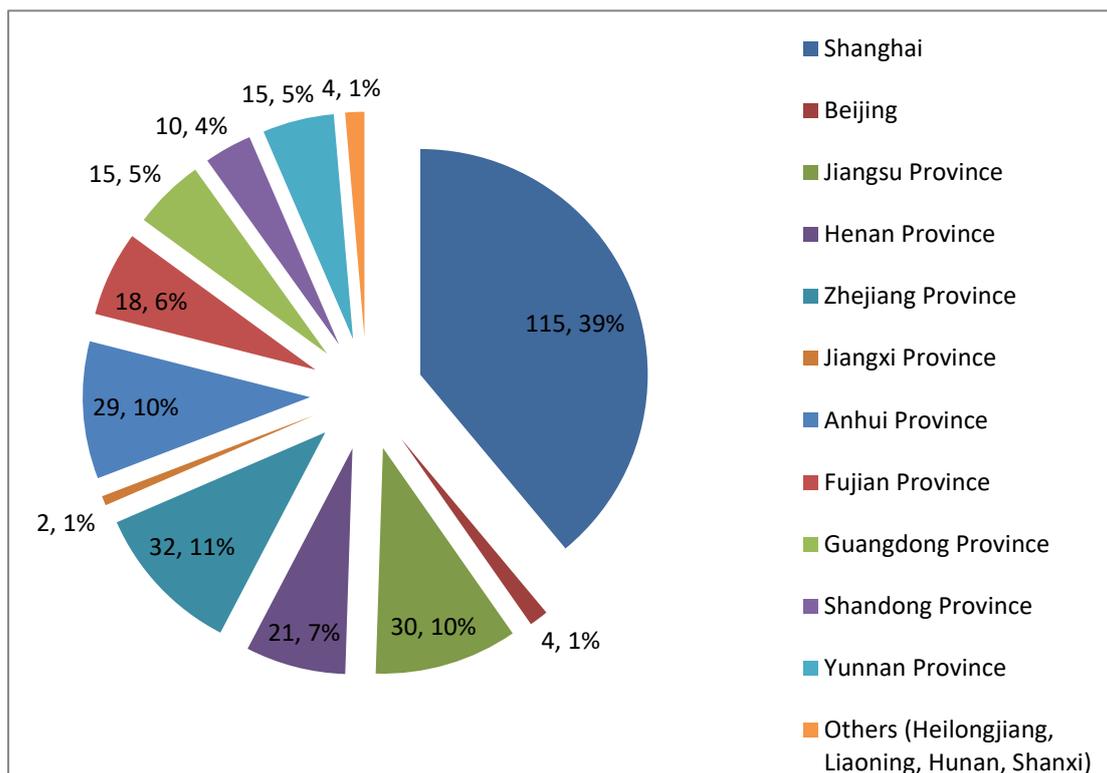


Figure 4. Distribution of undergraduates by origin of student

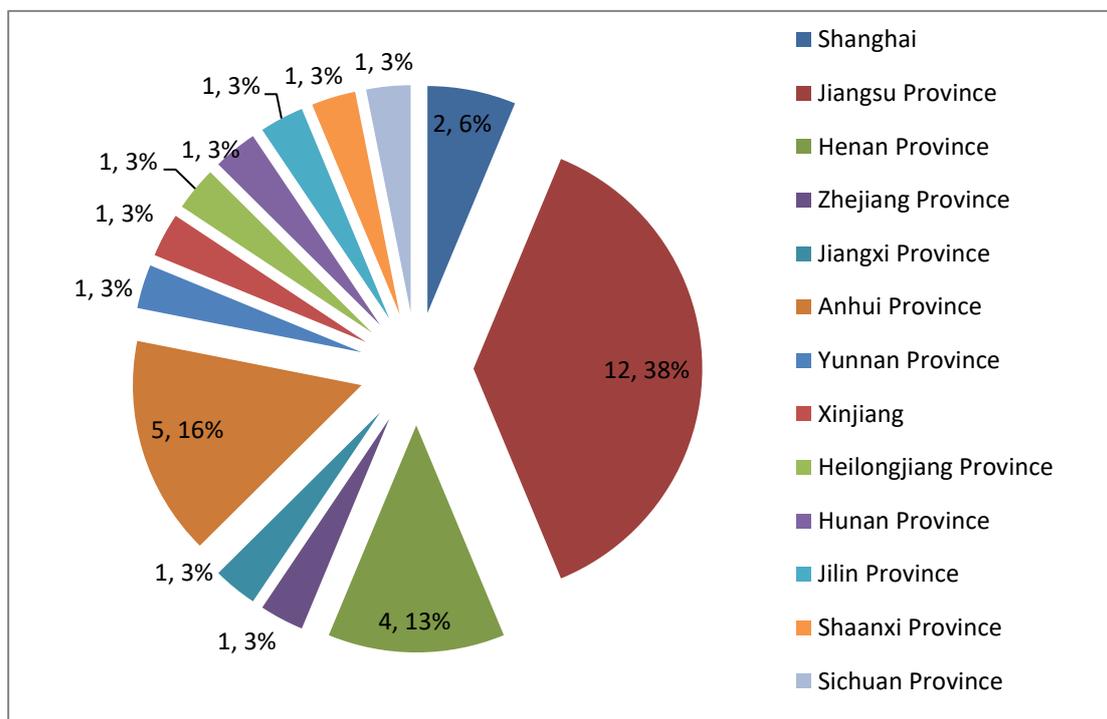


Figure 5. Distribution of postgraduates by origin of student

(4) Among the 2018 graduates, 18 were students from ethnic groups.

## 2. Contracting rate

Among the 2018 graduates from the School of Urban Rail Transportation (as of August 25), 342 chose dispatch employment, 26 chose further postgraduate study, 3 chose further dual-degree course study, 11 went abroad, 5 chose further undergraduate study for vocational college graduate, and 1 chose employment in national/local project. The contracting rate and placement rate of 2018 graduates remained high at 93.96% and 99.22% respectively.

Please see below the analysis of contracting rate and placement rate of graduates in each program.

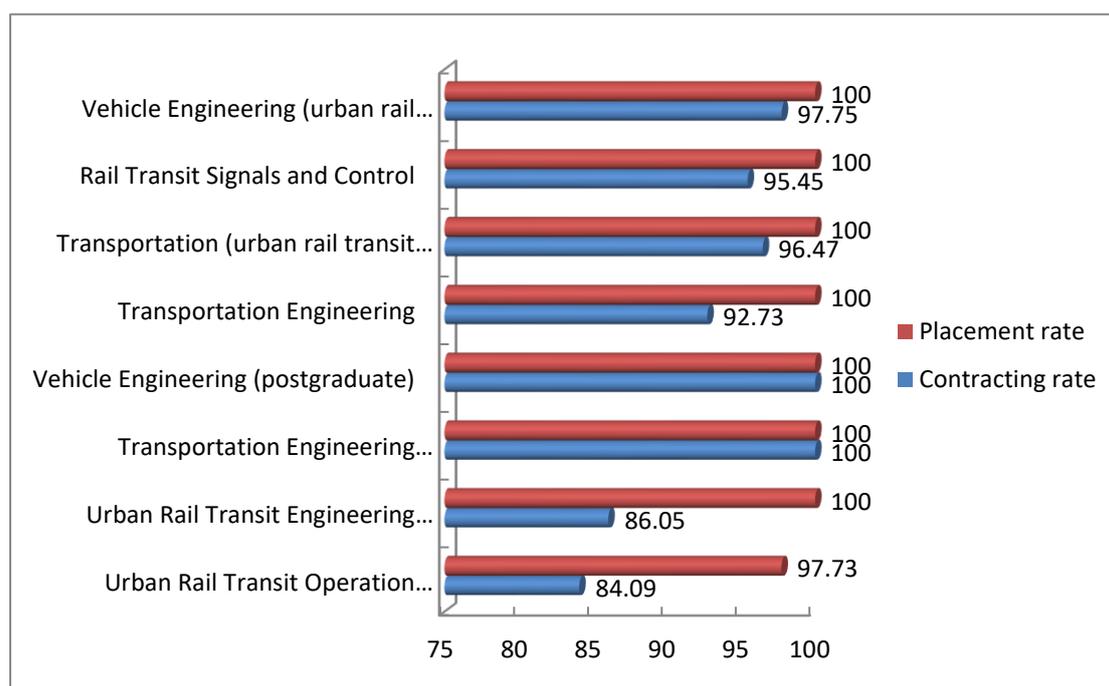


Figure 6. Distribution of contracting rate and placement rate of graduates by education level

### 3. Statistics on further study and going abroad among graduates

Among the 2018 graduates, 26 got enrolled in a Masters course. Among them, 10 were admitted to a postgraduate course at key universities at national level (including Shanghai Jiaotong University, Beijing Jiaotong University, Southwest Jiaotong University, Shanghai University, Donghua University, and University of Chinese Academy of Sciences) and 11 graduates were admitted to a Masters course at Shanghai University of Engineering Science. This was the best performance ever attained in this area. 11 students chose to go abroad for further studies in universities such as Technische Universität Dresden in Germany, Cardiff University in the UK,



University of Windsor in Canada, Hokkaido University in Japan, and University of New South Wales in Australia. 5 vocational college students got enrolled in an undergraduate course. The rate of students getting enrolled in a higher-level education and going abroad for further study was 10.87%.

#### 4. Statistics on graduate employers

Up to now, more than 20 enterprises have come to our School to deliver on-campus employer information sessions for 2018 graduates of our School. The major graduate employers in 2018 were: Shanghai Shentong Metro Group (58 graduates), Ningbo Metro Group (35 graduates), Hangzhou Metro Group (27 graduates), Shanghai Railway Bureau (25 graduates), Hefei Metro Group (9 graduates), Changzhou Metro Group (9 graduates), Zhengzhou Metro Group (6 graduates), Shanghai Railway Communication Co., Ltd. (5 graduates), CASCO (5 graduates), Shentong CNR (5 graduates), Wuxi Metro Group (4 graduates), Shanghai Foundation Engineering Group Co., Ltd. (4 graduates), Shentong Bombardier (4 graduates), Yunnan Jingjian Rail Transit Investment and Construction Co., Ltd. (4 graduates), China Railway 24th Bureau (3 graduates), Qingdao Metro Group (3 graduates), Fuzhou Metro Group (3 graduates), and Shanghai Fuxin Intelligent Transportation Solutions Co., Ltd. (3 graduates), among others.

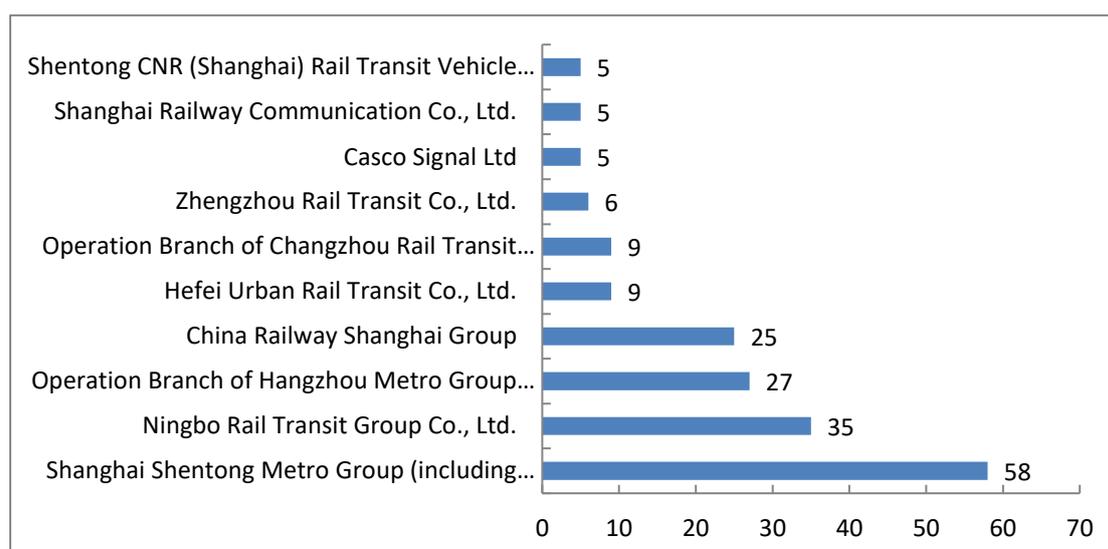


Figure 7. Top 10 graduate employers in 2018



## II. Features of graduate employment work of School of Urban Rail Transportation in 2018

**(1). Giving high priority to graduate employment** We have formed an employment promotion pattern in which our leaders placed high importance on graduate employment work, and year coordinators and professional teachers took an active part in graduate employment work. With a rising employment pressure this year, we were in full gear to implement measures of this top-down employment campaign to engage staffs at all levels in our School to improve graduate employment outcomes. The Secretary, Dean and other leaders of our School organized and presided over a number of joint meetings to guide our graduate employment work, laying a solid foundation for the smooth promotion of graduate employment.

**(2) Taking the initiative to promote graduate employment.** We took the initiative to reach out and get in touch with a number of employers, and invited them to deliver on-campus employer information sessions, so as to take the initiative in the overall graduate employment work. These employers include, but not limited to, Shanghai Shentong Metro Group, Hangzhou Metro Group, Ningbo Metro Group, Shanghai Railway Bureau, Hefei Metro Group, Zhengzhou Metro Group, Changzhou Metro Group, Kunming Metro Group, Qingdao Metro Group, Wuxi Metro Group, Shentong CNR (Shanghai), CASCO, and Shanghai Railway Communication Co., Ltd. With an aim to actively promote graduate employment, we started our employment guidance class earlier than scheduled. By doing so, we could effectively guide students to write resumes, equip them with important job-hunting skills, with an aim to shape a sound job-hunting environment and give students a sense of urgency.

**(3). Looking at graduate employment work from a strategic and overall perspective.** Based on the graduate placement rates of our graduate employers in recent years, the closeness of their cooperation with our School, and their potential importance in the future, we have further improved our database of star-level employers. At present, there are more than 100 enterprises in our star-level database. Additionally, we actively analyzed the employment landscape and trends in the past five years, so as to plan and respond in a timely manner. All these measures have



effectively and steadily promoted our graduate employment work.

**(4) Improving service quality.** We made full use of online platforms to send employment information through QQ, WeChat, and other Apps. In 2018, we released more than 100 pieces of employment information, thus increasing the time-effectiveness of information-collection and communication for our students. We also provided personalized guidance to students who were in a period of ambiguity about employment. We explained important details to them, such as how to make a personal resume, how to find a potential employer, and how to sell themselves. These measures have aroused in them a stronger sense of urgency and determination for self-improvement, and comprehensively improved their knowledge and skills. Meanwhile, we also organized graduates to actively expose themselves to various job markets. Up to now, over 20 enterprises have delivered on-campus employer information sessions.

**(5) Focusing on cooperation.** As a "pre-employment project" of SUES, industry-university cooperative education plays an important role in comprehensively improving students' knowledge, skills, overall quality, entrepreneurial and innovation skills, and employability skills. We focused on pursuing common progress by making use of our industry-university cooperative education. In 2018, we signed a strategic cooperation agreement between the industry, academia and research institutions with Shentong CNR (Shanghai) Rail Transit Vehicle Maintenance Co., Ltd., to actively expand the university-enterprise collaboration and promote the in-depth development of our "pre-employment project". Our students have taken an active part in industry-university cooperative education. Benefiting from their practical experience in enterprises, the students had a better understanding of work in workplace. This is not only conducive to students' rational career choice, but also accelerates their transition from university to work, thus allowing them to win at the starting line of employment competition. This also significantly shortens the time required for enterprises to provide adaptive training. For many students, their internship enterprises become their contracted employers upon graduation. Enterprises also benefited from this win-win situation.



### III. A reflection on graduate employment of School of Urban Rail Transportation

Under the strong leadership of and great support from the leaders at all levels, although we have made certain achievements in the graduate employment work of School of Urban Rail Transportation in 2018, we have still experienced some problems, including the relationship between origin of student and choice after graduation; the relationship between further study (postgraduate study for undergraduate graduates, going abroad, undergraduate study for vocational college graduates) and employment; the relationship between the development of the employment market in other provinces and municipalities and the investment of manpower, material resources and financial resources; the relationship between students' employment perception and their self-positioning; the relationship between market demand and our adjustment on employment plan, and supports to students that are in a difficult situation. We will need to follow closely and analyze the new developments in this field with an aim to tackle them.

### IV. Making comprehensive arrangements for graduate employment in 2019

We are actively making comprehensive arrangements for graduate employment in 2019. There will be a total of more than 360 graduates from the School of Urban Rail Transportation in 2019, including more than 300 undergraduates and 60 postgraduates. The work for 2019 graduation employment has been kicked off prior to the start of the new semester. As of November 30, more than 10 enterprises (including Shanghai Metro Group) had delivered on-campus employer information sessions, and more than 100 graduates had been recruited. This is a good start. In the future, we will work even hard to do a good job in our employment and interview work for our graduates. We will try our best to help our graduates to find employment in enterprises related to rail transit.

School of Urban Rail Transportation

November 26, 2018