

# **A follow-up study of the vocational training programs for people with disabilities in 2003-2006**

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## **Abstract**

This research was a follow-up survey to examine the outcomes of vocational training programs, supported by Bureau of Employment and Vocational Training (BEVT). In 2006, there were 37 agencies, accepted the BEVT funding, delivering 45 vocational training programs for people with disabilities. The survey data showed that the manpower engaged in the BETV programs is: (1) the number of full-time personnel: the agents has taken on, on average, 1.46 staff for the administration affairs, 0.56 staff for case managing affairs, 2.08 staff for vocational training, and 0.87 staff for counseling affairs. (2) the number for the part-time personal: the administration affairs, case managing affairs, for vocational training, counseling affairs were 2.70 staff, 0.61 staff, 3.01 staff, 1.21 staff, respectively. (2) the services of delivered: A Total of the 45 vocational training programs was run by 72 courses, about 10.7 trainee, on average (or 772 of the disabilities). (3) The average time of a vocational training course was 7.35 month. (4) The maximum of vocational training courses categories run by a single training organization is 12 different categories. (5) the distribution of the disabilities was 38.2% for the mentally handicapped, 25.1% for psychiatric handicapped and 16.5% for orthopedic handicapped. (6) the accumulative total trainee taken courses funding by the BEVT was 2230 individual with disabilities, from 2004 to 2006. There was 1721 trainee still follow-up by the training agents and 511 out of contact. Among the total follow-up trainee, there was 1122 trainee coached for employment (65.27%), 110 trainee were run his/her own small business or placed on private business (6.39%) , still 487 people entered a high school, seeking medical service or for other matters

(28.34%). In short, vocational training programs increased significantly in recent years because of the BEVT funding and the government should keep on increasing the training budget on the vocational training programs for the individual with disabilities.

Key words: follow-up, individual with disabilities, the vocational training outcome, the employment outcome

## **Chapter 1: Introduction**

The people with disabilities need the food, clothes, housing and transportation as the common person; they may also need to take care of the family and even need the medical treatment and healthy service. Though they can obtain the economic subsidy of government at ordinary time, only the subsidy is inadequate to maintain the stable living and spending. Therefore, the government has gradually attached importance to the right and interest of weak group and provided the employment opportunity for them at present. According to article 38 of the modified version of Rights and Interests of the Disabilities Protection Law on July 2007, 1 disabilities shall be employed for each 34 employees (the former is 50 employees) in each level of governmental authority, public school and state-owned enterprise and 1 disabilities shall be employed for 67 employees (the former is 100 employees) in private school, group and private enterprise, which indicates that the employment opportunity of disabilities has been developed greatly.

However, according to the statistics of Ministry of Interior, there were 981,015 persons drawing the manual for disabilities according to the Rights and Interests of the Disabilities Protection Law till the end of 2006, increasing 4.59% relative to that till the end of 2005; the ratio of disabilities to total population was 4.29%, increasing 0.17 percent point relative to that till the end of 2005, the ratio keeps increasing year by year, and the total population of disabilities also increased 43,072 relative to that at the end of 2005. According to the investigation of Council of Labor Affairs, Executive Yuan on the laboring situation of disabilities in Taiwan in 2004, the labor population accounts for 21.5% (178,577 persons) in the disabilities over 15 years old, in which the employees accounts for 18.4% (152,238 persons) and the unemployed accounts for 3.2% (26,339 persons), the non-labor population accounts for 78.5% (650,482 persons). It is obvious that the population of disabilities is increasing gradually, while the population of employment is not increasing accordingly; or they may be unable to maintain the stable employment due acquiring the job. The reasons are much more; the negative attitude of common employer and public to the employment of disabilities, the self reasons of disabilities such as the incompetency of work due to the physical strength, or the stafftrimming by the employer for the low productivity are all the reason resulted into the unemployment of disabilities. In addition, the change of employment or the uneasy opportunity of work is also a big reason. According to the Investigation Report on the Living Demand of Disabilities of Ministry of Interior in 2003, the waiting time for the disabilities

unemployee of over 15 years old with working will to find a job is 7 years (26.93%) , which indicates that the job hunting process of disabilities is more difficult more that of common people. The 2004 National Organization on Disability/Harris Survey of Americans with Disabilities had found the following occupation information related with disabilities: 1. only 35% of disabilities has the full time or part time job; 2. low income household, the average annual income in statistics in recent 3 years is less than USD15000; 3. the disabilities discontinues the study in senior high school over and over again; 4. the disabilities may have unfair transition service; 5. only 34% of disabilities is satisfactory with their living. The subsequent trace to the disabilities youth indicates the employment proportion of disabilities is approximately 50% to 60%, and most are the part time and low status job, and the disabilities can only get a little revenue. In additiona, the research also finds that the transition education and service has reduced the unemployment rate of disabilities indeed ( Frank& Sitlington, 1997, 1998) . The above researches show that the employment rate of disabilities in USA is much higher than that in Taiwan, and there are some places for us to refer in the transition education and service.

Therefore, Bureau of Employment and Vocational Training Council of Labor Affairs, Executive Yuan ( hereinafter "Bureau of Vocational Training" ) has promoted the vocational training for the disabilities for years in order to train the favorable employment skill for disabilities and make them get the confidence and be employed stably and favorably; it has entrusted 41 units such as the Keelung Hospital Department of Heath, Executive Yuan to hold 70 vocational training and advanced studies classes of meal service and cleaning servie ever since 2006. In order to acquire the actual condition of thess vocational training units, the Bureau of Vocational Training has prepared the "Vocational Taining and Advanced Studies Investigation Work in 2006" plan to investigate the employment skill training classes for disabilities held by the vocational training units and the employment condition of graduated students in recent 3 years (2004-2006) for the reference to further improve the training quality.

## **Chapter 2: Research Method and Investigation Result D icsussion**

This research began the investigation work from 9 Nov 2006 based on the "Vocational Taining and Advanced Studies Investigation Work in 2006" plan prepared by Bureau of Vocational Training and had finished the spot investigation of 45 units till 8 Dec 2006; the reserach also asked the investigated units to provide the data and settle it. We will explain the current vocational training status and achievement of training units in recent 3 years (before 2006) and analyze the allocation and employment status of graduated vocational training students in the following 2 sections.

### **Section 1: Current Vocational Training Status and Achievement of Training Units in Recent 3 Years (before 2006)**

There are 45 units entrusted by the Bureau of Vocational Training to transact the training accepting the investigation, the following we will explain the basic data, vocational training course and graduated student allocaton status respectively.

## 1. Basic Data of Training Units

Table 3-1-1 lists the units entrusted by the Bureau of Vocational Training to transact the vocational training and advanced studies for disabilities. The number of investigated unit is 6 digitals, the first 2 digitals indicates the month, the second 2 digitals indicates the date and the last 2 digitals indicates the flowing code; taking 110801 (National Taichung Qicong School) for example, it indicates the school is visited for the first time on 8 Nov. The list for the number of visited units is as Table 3-1-2.

**Table 3-1-1 Basic Data Summary of Visited Vocational Training Units for Disabilities**

No. of Visited Unit	Time Beginning to Transact Vocational Training for Disabilities	Personnel Status to Transact the Case (Population)							
		Full time				Part time			
		Administrative	Case Administration	Vocational Training	Vocational Tutorship	Administrative	Case Administration	Vocational Training	Vocational Tutorship
110801	1993	0	0	0	0	10	2	7	2
110802	2001	0	0	2	0	4	1	2	7
110903	2002	0	0	0	1	1	1	5	0
110904	2002	0	0	1	1	1	1	3	1
111105	1999	1	1	0	0	0	0	5	0
111406	2003	1	0	22	0	1	0	0	0
111407	1998	3	0	0	0	16	6	3	0
111508	1998	1	1	1	1	1	0	0	7
111509	1987	0	0	2	0	1	1	1	2
111510	2003	1	0	0	0	0	0	0	0
111611	1989	2	1	2	2	2	0	0	0
111612	1999	0	0	3	0	3	0	0	1
111613	1988	4	1	4	1	0	0	0	0
111714	Dec 1982	1	0	1	0	0	1	7	1
111715	2004	2	1	0	1	0	0	0	0
111716	1995	4	2	2	0	0	0	3	3
111717	1989	0	0	2	2	3	1	0	0
112018	1997	1	0	1	2	3	3	12	0
112019	2004	1	0	1	0	0	0	0	0
112120	1996	4	2	2	1	0	0	0	0
112121	2002	0	0	2	0	3	0	0	1
112122	1979	2	1	2	3	0	0	0	0
112123	2002	0	1	2	0	8	1	0	3
112224	200	0	0	1	0	10	3	10	3
112325	2002	3	1	1	1	0	0	0	0
112326	1986	3	0	4	0	0	0	1	0
112327	2003	0	0	2	0	25	0	27	4
112328	1984	3	0	3	3	0	0	0	0
112729	1982	0	0	1	0	0.5	0.5	0	0.5
112730	1982	0	0	1	0	1	0	1	1
112831	2001	1	0	0	1	0	0	0	0
112832	Dec 1982	1	0	0	2	0	1	7.5	0
112933	Dec 1982	0	0	1	0	1	0	0	1

112934	1958	3	1	6	1	2	1	6	2
112935	2002	0	0	3	1	3	0	2	2
120136	2005	1	2	1	10	1	0	0	0
120137	1997	0	0	0	0	2	1	0	8
120438	2004	4	3	6	1	0	0	0	0
120439	Dec 1982	1	1	1	1	1	1	2	0
120740	1999	3	1	3	2	11	0	0	0
120741	1985	5	1	2	1	0	0	2	0
120842	1975	6	1	0	0	0	0	20	0
120843	Dec 1982	1	0	2	0	0	2	1	1
120844	2003	1	1	1	0	0	0	0	2
120845	2001	2	2	3	0	7	0	8	2
Population = 0		16	26	10	24	19	28	23	24
Population >0, <2 (including 2)		17	18	15	18	13	14	8	14
Population = 3 (including 3)		12	1	10	3	13	3	14	7
Maximum Population of the Case		6	3	22	10	25	6	27	8
Mode Population of the Case		0	0	1	0	0	0	0	0
Average Population of the Case		1.46	0.56	2.08	0.87	2.70	0.61	3.01	1.21

**Table 3-1-2 Name and Number List of Visited Units**

No.	Name of Visited Unit	Year of Establishme
110801	National Taichung Qicong School	82
110802	Mary Social Welfare Foundation	90
110903	Taoyuan Meihao Qineng Cultural Education Foundation	91
110904	Taiwan Private Qizhi Technology and Skill Training Center	91
111105	Pingtung Blind Welfare Association	88
111406	Hualien Private Meilun Qineng Development Center	92
111407	National Hualien Qizhi School	87
111508	Catholicism Tainan Private Luwei Qizhi Center	87
111509	Tainan Private Catholicism Ruifu Yizhi Center	76
111510	Yilan Association for Disabilities	92
111611	Penghu Catholicism Penghu Deanery Huimin Qizhi Center	78
111612	Pingtung Christainism Victory Family	88
111613	Pingtung Private Christainism Vbehhy's Family	77
111714	Eden Social Welfare Foundation/Kaohsiung Vocational Reconstruction Center	72
111715	Taiwan Disable Free Association	93
111716	Taichung Private Shenghui Comprehensive Intelligence Development Center	84
111717	Catholicism Taichung Deanery Lida Qineng Training Center	78
112018	Kaohsiung Disabilities Welfare Service Center Managed by Taiwan Presbyterian Church	86
112019	Caodun Nursing Home Department of Heath Executive Yuan	93
112120	Taoyuan Private Spinal Cord Injury Potential Development Center	85
112121	Taoyuan Nursing Home Department of Heath Executive Yuan	91
112122	Catholicism Guangren Social Welfare Foundation/Taipei Pribate Yuren Qineng Center	68
112123	Bali Nursing Home Department of Heath Executive Yuan/ Compound Baking Class	91
112224	National Chiayi Qizhi School	95

112325	Hsinchu Evergreen Qizhi Cultural Education Fundation	91
112326	Financial Group Private Catholicism Huaguang Intelligence Development Center	75
112327	National ChangHua Qizhi School	92
112328	Catholicism Taichung Deanery Taiwan Private Ciai Disabilities Reform School	73
112729	Eden Social Welfare Foundation/Nantou Service Center	71
112730	Eden Social Welfare Foundation/921 Sheltered Workshop	71
112831	Taipei Private Victory Disabilities Potential Development Center	90
112832	Eden Social Welfare Foundation/Vocational Training and Employment Tutorship Center	72
112933	Eden Social Welfare Foundation/Wanfang Qineng Center	72
112934	Taiwan Private Blind Reconstruction School台	47
112935	Taitung Private Muxin Intelligence Development Center	91
120136	Kaohsiung Medical University	94
120137	Disabilities Social Welfare Fundation/Community Nursing Center/Rose Garden	86
120438	Keelung Hospital Department of Heath Executive Yuan	93
120439	Eden Social Welfare Foundation/Keelung Center	72
120740	Yilan Lanyang Intelligence Development Center	88
120741	Yilan Private Muguang Blind Reconstruction Center	74
120842	Changhua Private Boai Service Center	64
120843	Eden Social Welfare Foundation/Central Taiwan Service Center	72
120844	Catholicism Tainan Private Delan Qizhi Center	92
120845	Chianan Nursing Home Department of Heath Executive Yuan	90

Remark: The first 4 digitals of institution code is the visiting date, and the last 2 digitals is the number of institution.

### 1.1 Number of Investigated Units

Table 3-1-1 shows that there are 4 schools, 6 hospitals and 35 financial groups, juridical associations and associations in the investigated 45 vocational training and advanced studied units for disabilities.

### 1.2 Launching Time

The table shows that the earliest time for each unit to launch the vocational training for disabilities is in 1958; in the launching year distribution, 3 are before 1980s, 14 are in 1980s, 10 are in 1990s and 18 are in 2000s, which indicates that the units participating in the vocational training for disabilities are increased gradually in recent 10 years.

### 1.3 Full-time and Part-time personnel

The manpower application situation of entrusted vocational training units for disabilities can be approximately found from table 3-1-1. The full-time personnel of each unit in this case are 1.46 in average, the full-time case administration personnel is 0.56 in average, the full-time vocational training personnel are 2.08 in average, the full-time tutorship personnel is 0.87 in average; as to the part-time personnel of this case, the part-time personnel of each unit in this case are 2.70 in average, the part-time case administration personnel is 0.61 in average, the part-time vocational training personnel are 3.01 in average, the part-time tutorship personnel is 1.21 in average. It is obvious that the part-time vocational training personnel is more than the full-time vocation training personnel.

## 2. Vocational Training Course

The different vocational classes set by each visited unit in vocational training, the students number of each class and the implementing achievement are stated as follows:

### 2.1 Vocational Training Category

Table 3-1-3 shows the the vocational training types offered by the visted units under the entrustment or assistance of Bureau of Vocational Training for the disabilities, the recruitment object, population and training condition in recent 1 year (2006) . We can find from the data that the offered vocational training categories approximately include: meal-related category ( baking, cooking skill, snack facture, bar counter service ) , cleaning related category ( indoor cleaning, auto beautification, market cleaning, gardening service ) and massage and computer category ( paperwork, webpage design, program design, computer art design ) . There are 72 classed in total; all visited units can recruit and train approximate 722 disabilities, each class can recruit 10.7 students in average and the training period is about 7.35 months in average.

**Table 3-1-3 Vocational Training Category, Recruitment Object, Population and Training Period of Visited Units**

Institution No	Recruited Disabilities	Vocational Training Category	Population of Class	Training Period (Month)
110801	Mental Retardation and Hearing	Chinese Meal Cooking	15	6
110802	Mental Retardation, hearing impairment, dummy, multi-disabilities, disable, mentality and others	Cleaning	10	6
		Baking	10	6
110903	Mental Retardation, mentality and the multi-disabilities dominated by Mental	Cleaning service	15	6
110904	Mental Retardation	Meal service	15	6
111105	Visual disabilities with C technican certificate	Part-time Massage Advanced Studies Class	10	6
111406	Mental Retardation	Cleaning service and gardening skill	15	1 1
111407	Mental Retardation	Cleaning service	15	6
111508	Mental Retardation preferred	Cleaning maintenance	6	6
111509	Mental Retardation dominated	Auto cleaning	5	4.5
	Mental Retardation	Environment cleaning	10	6
111510	Unlimited	Computer paperwork	15	6
111611	Mental Retardation and Hearing	Environment settlement	8	6
111612	Disabilities other than Visual disabilities	Food baking	6	11.5
111613	Mental Retardation or multi-disabilities	Meal and cooking skill	10	11.5
111714	Dominated by Mental Retardation, followed by face, listening, mental, multi-disabilities and heavy disable, physical disabilities of non-wheel chari preferred	Food baking	10	11.5
111715	Physical disabilities, spinal cord injury, face injury and heavy disable	Internet and Multimedia marketing and planning	10	6

111716	Those with Manual for Disabilities	Computer webpage program design	15	6
	Those with Manual for Disabilities	Computer art deisgn and webpage design	15	9
111717	Those with Manual for Disabilities	Market and cleaning service	12	6
112018	Visual disabilities	Blind massage	10	11.
	Physical disabilities dominated	Computer webpage design	10	1
	Mental Retardation dominated	Handwork auto washing and environment maintenance	10	6
112019	Mental disabilities	Food baking	12	6
112120	Spinal cord, physical disabilities	1 <sup>st</sup> Period of webpage design	11	6
		2 <sup>nd</sup> Period of webpage design	11	6
		1 <sup>st</sup> Period of computer application	10	6
		2 <sup>nd</sup> Period of computer application	10	6
112121	Mental disabilities	Meal and cooking skill	10	6
		Baking	10	6
		Meal	10	6
112122	Mental Retardation	Cleaning service	15	6
112123	Mental disabilities	Compound service	16	6
112224	Mental Retardation	Cleaning service	15	6
112325	Mental Retardation and others	Snack and service	3	6
112326	Mental Retardation	Meal	5	11.
	Mental Retardation	Organic vegetable	5	11.
112327	Mental Retardation	Cleaning service	15	6
	Mental Retardation	Meal service and baking	15	1
	Unlimited	Cleaning service	10	5.
112328	Those with Manual for Disabilities except for the mental disabilities	Auto cleaing maintenance	6	6
		Food baking	10	11.
		Environment cleaing maintenance	6	6
112729	Mental Retardation, brain injury and multi-disabilities	Dim sum baking	10	11. 5
112730	Physical disabilities, hearing impairment and Mental Retardation	Auto washing	13	4. 6
112831	Unlimited	Remote individual computer skill	20	6
112832	Physical disabilities, heavy disable, hearing impairment, face injury and unusual sickness	Network multimedia design and marketing application ( 1 )	6	6
		Network multimedia design and marketing application ( 2 )	8	6
112933	Other than braindeath people, Visual disabilities and people with dementia	1 <sup>st</sup> Period of cleaning maintenance	10	4
		2 <sup>nd</sup> Period of cleaning maintenance	10	4
112934	Visual disabilities	Massage ( 1 )	10	11.
		Massage ( 2 )	10	11.
112935	Mental Retardation dominated, mental disabilities, physical disabilities and multi-handicaped	Environment cleaning and gardening skill	10	1 1
120136	Mental disabilities	Cleaning maintenance	14	1

120137	Mental Retardation	Meal service and baking (Kaohsiung)	15	11.5
120438	Mental disabilities	Environment cleaning maintenance (1)	16	5.5
		Environment cleaning maintenance (2)	16	5.5
120439	Those with Manual for Disabilities	Computer application	10	6
	Those with Manual for Disabilities	Computer application (night)	10	3
120740	Mental Retardation preferred	Meal service	10	6
		Cleaning service	10	6
		Agriculture	10	6
		Meal service	6	6
		Baking	10	6
120741	Visual disabilities	Massage	12	11.5
120842	Visual disabilities	Blind massage base class	15	11.5
	Disabilities other than mental disabilities	Meal service	10	11.5
120743	Mental Retardation, physical disabilities and mental disabilities	Bar counter service	10	6
		Dim sum baking	10	11.5
120844	Mental Retardation	Auto and environment maintenance	3	6
120845	Mental disabilities	Auto cleaning	6	6
		Meal confection	10	6
Total	Total: 72 Classes  Total Students  Students in Each Class Averagely		772	Average Training Period: 7.35 Months
			10.7	

## 2.2 Actual Class Training Condition

we can get the statistical data of actual class condition of visited unit upon the entrustment or subsidy to offer the vocational training for disabilities in recent 3 years (2004, 2005 and 2006) based on the implementing result of this investigation on the vocational training and advanced studies class for disabilities (2006). However, since the time of this investigation is on Oct 2006, most vocational training classes have not ended, and their graduate allocation data is incomplete, so that this research just analyzes the data of 2004 and 2005. Table 3-1-4 lists the settled recruitment condition of vocational training actually offered by each visited unit in 2004 and 2005; while Table 3-1-5 and Table 3-1-6 list the recruitment condition of vocational training actually offered by each visited unit in 2004 and 2005 respectively.

**Table 3-1-4 Summary Statistics of Recruitment Condition of Vocational Training Units Entrusted by Bureau of Vocational Training in 2004 and 2005**

Year	Category	Training Character			Class Population		
	Most Classes Offered by 1 Institution	Vocational Training Class	Advanced Studied Class	Other Class	Planned Population	Trained Population	Training Rate (%)
2004	10	60	3	6	761	727	96%
2005	12	66	3	10	921	874	95%
2004-2005	—	126	6	16	1682	1601	95%

From the table we can find that 12 categories of vocational training classes are offered by 1 institution at most, and the training categories cover: computer category (chinese makeup, paperwork treatment, art design and webpage design, computer mechanical drawing, computer drawing, webpage design and electronic business, network multimedia design and marketing application, remote individual computer plane art design home training), art edition and design broadcast planning, preparation and broadcasting, edition design practical application, delicate floriculture gift design, elaborate works creation, blind massage, woodworker, small metal processing, supermarket service, cleaning service (handwork auto washing class, auto cleaning class, cleaning service class, clothes washing class, environmental cleaning service training class), meal category (chinese meal license C class, bar counter service, Chinese meal cooking, food baking class, meal service class, dim sum baking, meal confection class, snack and service, meal cooking/coffee snack class), agriculture category (water ploughing and planting, corp planting, crop planting technology, farming and herding, agriculture class, comprehensive affair, comprehensive farming and herding class, organic vegetable planting), housekeeping category (housekeeping, sartorius facture class, dishcloth preparing, sewing class, bedclothing facture) and comprehensive function class.

As to the number of classes offered by 39 institutions (45 visited units), there are 126 vocational training classes (for unemployee, 60 classes in 2004 and 66 classes in 2005), 6 advanced studies classes (for employee, 3 classes in 2004 and 3 classes in 2005) and 16 other training classes (6 classes in 2004 and 10 classes in 2005). As to the training population, the total planned training population of 45 entrusted vocational training units is 1682 (761 persons in 2004 and 921 persons in 2005) in 2004 to 2005, the actually trained population is 1601 (727 persons in 2004 and 874 persons in 2005), and the average training rate is 95% (95.5% in 2004 and 94.9% in 2005).

The recruitment condition of vocational training units entrusted by the Bureau of Vocational Training of 2004 is as Table 3-1-5; the data indicates there are 60 vocational training classes, 3 advanced studies classes and 6 other classes; the planned training population is 761, while the actually trained

population is 727, and the training rate is 96%.

**Table 3-1-5 Course and Recruitment of Vocational Training Units Entrusted by Bureau of Vocational Training in 2004**

No of Visited Unit	Vocational Training Class Name in 2004	Class Category	Type			Planned Population	Trained Population	Training Rate
			Vocational Training	Advanced studies	Others			
Total in 2004		-	60	3	6	761	727	95.5%
110801	Chinese meal cooking	1	1			15	15	100.0%
110802	Cleaning vocational training (2003)	2	1			15	15	100.0%
	Cleaning vocational training		1			8	8	100.0%
	Baking vocational training		1			7	7	100.0%
110904	Bedclothing facture	3	1			15	5	33.3%
	Crop planint technology class		1			15	5	33.3%
	Environmental cleaning servant vocational training class		1			30	30	100.0%
111406	Comprehensive function class	1	1			15	15	100.0%
111407	Comprehensive function class	1	1			15	14	93.3%
111508	housekeeping	1	1			5	5	100.0%
111510	Chinese meal license C	1	1			10	10	100.0%
111611	Environment settlement class	1	1			10	10	100.0%
111613	Comprehensive farming and herding class	1	1			10	10	100.0%
111715	Webpage design and electronic business	2	1			10	10	100.0%
	Broadcast planning, preparation and broadcasting		1			6	6	100.0%
111716	Computer art design and webpage deisgn class	1		1		15	15	100.0%
111717	Meal service class	3	1			6	6	100.0%
	Cleaning service class		1			6	6	100.0%
	Sartorius facture class		1			6	6	100.0%
112018	Blind massage	3	1			12	12	100.0%
	Comprehensive affairs		1			10	10	100.0%
	Computer mechanical drawing		1			10	10	100.0%
112019	Clothes washing class	1	1			15	15	100.0%
112120	Webpage design class (2)	2	1			15	15	100.0%
	Computer application class (2)		1			15	15	100.0%
112121	Delicate floriculture gift design class	1	1			15	15	100.0%
112122	Discloth facture	2	1			5	5	100.0%

	Cleaning service		1			10	9	90.0%
112123	Baking class (1)	2			1	19	19	100.0%
	Baking class (2)				1	19	19	100.0%
	Meal class (1)				1	10	10	100.0%
	Meal class (2)				1	10	10	100.0%
112325	Food baking	1	1		3	3	100.0%	
112326	Farming and herding	3	1			5	5	100.0%
	Cooking				1	5	5	100.0%
	Woodworker				1	5	5	100.0%
112327	Cleaning service	1	1		15	15	100.0%	
112328	Computer paperwork treatment base class	6	1			6	6	100.0%
	Environment cleaning maintenance class		1			6	6	100.0%
	Auto cleaning maintenance class		1			6	6	100.0%
	Small metal facture class		1			6	6	100.0%
	Food baking class		1			6	6	100.0%
	Supermarket service class		1			6	5	83.3%
111714 112729 112730 112832 112833 120439 120843	Edition design practical application class	10	1			10	8	80.0%
	Art edition design class		1			10	9	90.0%
	elaborate works creation		1			15	15	100.0%
	Crop planting		1			15	15	100.0%
	Water ploughing and planting		1			6	6	100.0%
	Bar counter service		1			10	10	100.0%
	Dim sum baking		1			6	6	100.0%
	Clothes washing class		1			8	8	100.0%
	Chinese Computer makeup class		1			10	5	50.0%
	Chinese Computer advanced studies class			1		15	15	100.0%
112934	Massage upper class (2 years)	1		1		20	20	100.0%
	Massage training class (1 year)		1			20	20	100.0%
120137	Meal service and baking	1	1		15	15	100.0%	
120438	Environment cleaning maintenance	1	1		16	16	100.0%	
120740	Food baking class	4	1			10	10	100.0%
	Meal service class		1			10	10	100.0%
	Argriculutre class		1			10	10	100.0%
	Sewing class		1			10	10	100.0%
120741	Massage upper class (1)	1	1			16	15	93.8%
	Massage training class (2)		1			15	14	93.3%

120842	Message base class	2	1			12	12	100.0%
	Computer drawing class		1			15	14	93.3%
120844	Auto cleaning class	1	1			4	4	100.0%
120845	Environment cleaning class	3	1			10	10	100.0%
	Handwork cloth washing class		1			10	10	100.0%
	Meal confection class		1			10	10	100.0%

The recruitment condition of vocational training units entrusted by the Bureau of Vocational Training of 2005 is as Table 3-1-6; the data indicates there are 66 vocational training classes, 3 advanced studies classes and 10 other classes; the planned training population is 921, while the actually trained population is 874, and the training rate is 95%.

**Table 3-1-6 Course and Recruitment of Vocational Training Units Entrusted by Bureau of Vocational Training in 2005**

No of Visited Unit	Vocational Training Class Name in 2005	Class Category	Type			Planned Population	Trained Population Vocational	Training Rate Advanced studies
			Vocational Training	Advanced studies	Others			
	Total in 2005	-	66	3	10	921	874	94.9%
110801	Chinese meal cooking	1	1			15	15	100.0%
110802	Baking vocational training	3	1			10	10	100.0%
	Cleaning vocational training		1			8	8	100.0%
	Computer paperwork treatment vocational training			1		15	15	100.0%
110904	Environmental cleaning servant vocational training class	2	1			30	30	100.0%
	Meal service class		1			15	15	100.0%
111406	Cleaning service class and gardening class	1	1			15	15	100.0%
111407	Cleaning service	1	1			10	9	90.0%
111508	Cooking cleaning	1	1			4	4	100.0%
111509	Environment cleaning maintenance class (1)	1	1			10	10	100.0%
	Environment cleaning maintenance class (2)		1			10	10	100.0%
111510	Coffee snack class	1	1			10	10	100.0%
111611	Environment settlement class	1	1			20	18	90.0%
111612	Food baking	1	1			6	6	100.0%
111613	Meal and cooking skill class	1	1			10	10	100.0%
111715	Internet multimedia application class	1	1			10	10	100.0%
111716	Computer software application class	1		1		15	15	100.0%
111717	Meal service class	2			1	6	6	100.0%

	Cleaning service class (1)		1			6	6	100.0%
	Cleaning service class (2)		1			6	6	100.0%
112018	Blind massage	3	1			10	10	100.0%
	CAD		1			10	10	100.0%
	Comprehensive affairs		1			10	10	100.0%
112019	Clothes washing class (1 <sup>st</sup> half year)	2	1			13	13	100.0%
	Clothes washing class (2 <sup>nd</sup> half year)		1			12	12	100.0%
	Auto washing class		1			12	12	100.0%
112120	Computer application class (1)	2	1			15	15	100.0%
	Computer application class (2)		1			15	15	100.0%
	Webpage design class (1)		1			15	15	100.0%
	Webpage design class (2)		1			15	15	100.0%
112121	Food cooking class/coffee snack class	3	1			10	10	100.0%
	Meal cooking skill		1			10	10	100.0%
	Baking		1			10	10	100.0%
112122	Cleaning service	1	1			30	30	100.0%
112323	Baking class (1)	2			1	17	16	94.1%
	Baking class (2)				1	17	16	94.1%
	Meal class (1)				1	15	15	100.0%
	Meal class (2)				1	15	15	100.0%
112325	Snack and service	1	1			3	3	100.0%
112326	Organic vegetable	2			1	5	5	100.0%
	Meal				1	5	5	100.0%
112327	Cleaning service	1	1			30	30	100.0%
112328	Computer paperwork treatment base class (Level 1)	4	1			6	6	100.0%
	Computer paperwork treatment base class (Level 2)		1			6	6	100.0%
	Environment cleaning maintenance class (Level 1)		1			6	5	83.3%
	Environment cleaning maintenance class (Level 2)		1			6	6	100.0%
	Auto cleaning maintenance class		1			6	6	100.0%
	Food baking class		1			6	6	100.0%
111714	Clothes washing class	12	1			12	7	58.3%
112729	Cleaning class		1			18	10	55.6%
112730								
112832	Chinese Computer makeup class		1			10	5	50.0%
112833	Chinese Computer advanced studies class			1		10	9	90.0%
120439	Water ploughing and planting		1			10	10	100.0%

120843	Dim sum baking		1			10	10	100.0%
	Bar counter service		1			10	10	100.0%
	Environment maintenance class (1)				1	10	8	80.0%
	Environment maintenance class (2)				1	10	8	80.0%
	Chinese meal class				1	10	8	80.0%
	Art edition design class (1)		1			10	5	50.0%
	Art edition design class (2)		1			10	5	50.0%
	Baking and meal		1			15	15	100.0%
	Cleaning maintenance (1)		1			10	7	70.0%
	Cleaning maintenance (2)		1			10	10	100.0%
112831	Remote individual computer plane art design home training	1	1			10	10	100.0%
112934	Massage training class (1 year)	1	1			20	20	100.0%
112935	Food baking	1	1			10	10	100.0%
120137	Meal service and baking	1	1			12	12	100.0%
120438	Environment cleaning maintenance (1 <sup>st</sup> half year)	1	1			16	16	100.0%
	Environment cleaning maintenance (2 <sup>nd</sup> half year)		1			16	16	100.0%
120740	Food baking class	3	1			10	10	100.0%
	Meal service class		1			10	10	100.0%
	Argricultre class		1			10	10	100.0%
120741	Massage training class	1	1			15	12	80.0%
120842	Massage base class	2	1			15	15	100.0%
	Computer drawing class		1			15	15	100.0%
120844	Auto cleaning class	1	1			6	6	100.0%
120845	Environment cleaning class	2	1			10	10	100.0%
	Handwork auto washing class		1			10	10	100.0%
	Meal confection class		1			10	10	100.0%

Table 3-1-7 shows the disabilities statistics of vocational training students of each unit entrusted by the Bureau of Vocational Training in 2004 to 2005, the data indicates that the top 3 disabilities in the trained population are: Mental Retardation, 283 persons in 2004 and 347 in 2005, total 630 persons, accounting for 39.4% of all trained population in 2004-2005; mental disabilities, 163 persons in 2004 and 235 persons in 2005, total 398 persons, accounting for 24.9% of all trained population in 2004-2005; physical disabilities, 98 persons in 2004 and 156 persons in 2005, total 254 persons, accounting for 15.9% of all trained population in 2004-2005.



2004	727	221	168	72	60	4	24	158	707	20
		461		65.2%	8.5%	186		26.3%		
		31.3%	23.8%	10.2%	8.5%	0.6%	3.4%	22.3%	100.0%	
2005	874	244	185	120	47	15	28	190	829	45
		549		66.2%	5.7%	233		28.1%		
		29.4%	22.3%	14.5%	5.7%	1.8%	3.4%	22.9%	100.0%	
2004-2005	1601	465	353	192	107	19	52	348	1536	65
		1010			7.0%	419				
		30.3%	23.0%	12.5%	7.0%	1.2%	3.4%	22.7%	100.0%	

**Table 3-1-9 Allocation Condition of Course Students of  
Each Vocational Training Unit Entrusted by the Bureau of Vocational Training in 2004**

No of Visited Unit	Vocational Training Class Name in 2004	Training population	Allocation Condition								Allocation Rate
			Tutorship employment			Tutorship Pioneer	Enter a higher school	Hospitalization	Others	Difference	
			Competition	Supporting	Sheltered						
110801	Chinese meal cooking	15	12		1				2	0	86.7%
110802	Cleaning vocational training (2003)	15	1	3	3	0	0	1	7	0	46.7%
	Cleaning vocational training	8	2	3	1	0	0			-2	85.7%
	Baking vocational training	7	0	4	3	0	0		1	+1	*
110904	Bedclothing facture	5	1	1					3	0	40.0%
	Crop planint technology class	5	1		1				3	0	40.0%
	Environmental cleaning servant vocational training class	30	1	10	1			1	17	0	40.0%
111406	Comprehensive function class	15	5	5	2				3	0	80.0%
111407	Comprehensive function class	14	6	1	5				2	0	85.7%
111508	housekeeping	5		1					2	-2	20.0%
111510	Chinese meal license C	10	0	1	1	1	0	2	5	0	30.0%
111611	Environment settlement class	10	3	1	5				1	0	90.0%
111613	Comprehensive farming and herding class	10		2					8	0	20.0%
111715	Webpage design and electronic business	10	8			1		1		0	90.0%
	Broadcast planning, preparation and broadcasting	6							6	0	0.0%
111716	Computer art design and webpage deisgn class	15	2			1			12	0	20.0%
111717	Meal service class	6		2	2					-2	66.7%

	Cleaning service class	6		2	1					-3	50.0%
	Sartorius facture class	6		2	1					-3	50.0%
112018	Blind massage	12	11					1	0	91.7%	
	Comprehensive affairs	10	4	5				1	0	90.0%	
	Computer mechanical drawing	10	8					2	0	80.0%	
112019	Clothes washing class	15	1	4	7			3	0	80.0%	
112120	Webpage design class (2)	15	10	0	0	0	1	0	4	0	66.7%
	Computer application class (2)	15	6	0	0	0	1	1	7	0	40.0%
112121	Delicate floriculture gift design class	15	8	0	5			1	1	0	86.7%
112122	Discloth facture	5						5	0	0.0%	
	Cleaning service	9		4	2			3	0	66.7%	
112123	Baking class (1)	19	8	6	0			5	0	73.7%	
	Baking class (2)	19	2	8	0				0	100.0%	
	Meal class (1)	10	8	6	0			5	0	73.7%	
	Meal class (2)	10	2	8	0				0	100.0%	
112325	Food baking	3		1	1			1	0	66.7%	
112326	Farming and herding	5			2					-3	40.0%
	Cooking	5		1						-4	20.0%
	Woodworker	5		1	2					-2	60.0%
112327	Cleaning service	15		12		1				-2	86.7%
112328	Computer paperwork treatment base class	6		1		6				+1	*
	Environment cleaning maintenance class	6				6				0	100.0%
	Auto cleaning maintenance class	6				6				0	100.0%
	Small metal facture class	6				6				0	100.0%
	Food baking class	6		1		6				+1	*
	Supermarket service class	5				5				0	100.0%
111714 112729 112730 112832 112833 120439 120843	Edition design practical application class	8	5	2				1		0	87.5%
	Art edition design class	9	5	1				2	1	0	66.7%
	elaborate works creation	15	6	3	1	1			4	0	73.3%
	Crop planting	15	2	7	2				4	0	73.3%
	Water ploughing and planting	6	2	3					1	0	83.3%
	Bar counter service	10		7					3	0	70.0%
	Dim sum baking	6		3	1				2	0	66.7%
	Clothes washing class	8	8							0	100.0%
	Chinese Computer makeup class	5	3					1	1	0	60.0%
Chinese Computer advanced studies	15	12						3	0	80.0%	

	class											
112934	Massage upper class ( 2 years )	20	13	2	0	2	0	2	1	0	85.0%	
	Massage training class ( 1 year )	20	8	5	0	3	0	3	1	0	80.0%	
120137	Meal service and baking	15		9	2				4	0	73.3%	
120438	Environment cleaning maintenance	16	1	8	3			3	1	0	75.0%	
120740	Food baking class	10	4	3	2	0	0	0	1	0	90.0%	
	Meal service class	10	0	4	2	1	0	0	3	0	70.0%	
	Argriculutre class	10	1	5	2	1	0	0	1	0	90.0%	
	Sewing class	10	1	1	3	0	1	1	3	0	50.0%	
120741	Massage upper class ( 1 )	15	10			5				0	100.0%	
	Massage training class ( 2 )	14	5			6	1	2		0	78.6%	
120842	Massage base class	12	10			2				0	100.0%	
	Computer drawing class	14	7		2				5	0	64.3%	
120844	Auto cleaning class	4	3	1						0	100.0%	
120845	Environment cleaning class	10	2	3	1			2	1	-1	60.0%	
	Handwork cloth washing class	10	2	4	1			2	2	+1	*	
	Meal confection class	10	1	1	4				4	0	60.0%	
No of Visited Unit	Vocational Training Class Name in 2005	Training population	Allocation Condition							Allocation Rate		
			Tutorship employment			Tutorship Pioneer	Enter a higher school	Hospitalization	Others		Difference	
			Competition	Supporting	Sheltered							
110801	Chinese meal cooking	15	8	3	1			1	2	0	80.0%	
110802	Baking vocational training	10	5		1			1	3	0	60.0%	
	Cleaning vocational training	8	3		1				1	-3	50.0%	
	Computer paperwork treatment vocational training	15								-15	0.0%	
110904	Environmental cleaning servant vocational training class	30	6	4	3				17	0	43.3%	
	Meal service class	15		6	5	1			3	0	80.0%	
111406	Cleaning service class and gardening class	15	7	4	2				2	0	86.7%	
111407	Cleaning service	9	6		3					0	100.0%	
111508	Cooking cleaning	4		4						0	100.0%	
111509	Environment cleaning maintenance class ( 1 )	10	2	4					4	0	60.0%	
	Environment cleaning maintenance class ( 2 )	10		5					5	0	50.0%	
111510	Coffee snack class	10	7	0	3	0	0	2	4	+6	*	

111611	Environment settlement class	18	3	4	5				6	0	66.7%
111612	Food baking	6		1	3					2	66.7%
111613	Meal and cooking skill class	10		3					7	0	30.0%
111715	Internet multimedia application class	10	3	2					5	0	50.0%
111716	Computer software application class	15	7						8	0	46.7%
111717	Meal service class	6		2	1					-3	50.0%
	Cleaning service class (1)	6		1	1		1			-3	33.3%
	Cleaning service class (2)	6		2						-4	33.3%
112018	Blind massage	10	9					1		0	90.0%
	CAD	10	9				1			0	90.0%
	Comprehensive affairs	10	6	1	2					-1	90.0%
112019	Clothes washing class (1 <sup>st</sup> half year)	13	0	0	7				5	-1	53.8%
	Clothes washing class (2 <sup>nd</sup> half year)	12	2	1	5				3	-1	66.7%
	Auto washing class	12	3	0	3				3	-3	50.0%
112120	Computer application class (1)	15	6	0	0	0	1	2	6	0	40.0%
	Computer application class (2)	15	5	0	0	0	2	1	7	0	33.3%
	Webpage design class (1)	15	6	0	0	0	1	1	7	0	40.0%
	Webpage design class (2)	15	5	0	0	0	2	1	7	0	33.3%
112121	Food cooking class/coffee snack class	10	5	2				2	1	0	70.0%
	Meal cooking skill	10	4	2			2	2		0	60.0%
	Baking	10	3	2	2			1	1	-1	70.0%
112122	Cleaning service	30	5	10	10				5	0	83.3%
112323	Baking class (1)	16	4	8	0				4	0	75.0%
	Baking class (2)	16	3	6	0				6	0	60.0%
	Meal class (1)	15	4	8	0				4	0	75.0%
	Meal class (2)	15	3	6	0				6	0	60.0%
112325	Snack and service	3	1	1	1					0	100.0%
112326	Organic vegetable	5		1						-4	20.0%
	Meal	5		1						-4	20.0%
112327	Cleaning service	30		17						-13	56.7%
112328	Computer paperwork treatment base class (Level 1)	6			2	6				+2	*
	Computer paperwork treatment base class (Level 2)	6	1			6				+1	*
	Environment cleaning maintenance class (Level 1)	5			1	5				+1	*
	Environment cleaning maintenance class (Level 2)	6			2	6				+2	*
	Auto cleaning maintenance class	6			1	6				+1	*

	Food baking class	6			3	6				+3	*
	Clothes washing class	7	7							0	100.0%
	Cleaning class	10			10					0	100.0%
	Chinese Computer makeup class	5	2						3	0	40.0%
	Chinese Computer advanced studies class	9	9							0	100.0%
111714	Water ploughing and planting	10		7					3	0	70.0%
112729	Dim sum baking	10	1	6	1			1	1	0	80.0%
112730	Bar counter service	10		7	2				1	0	90.0%
112832	Environment maintenance class (1)	8		3					5	0	37.5%
112833	Environment maintenance class (2)	8		4	2				2	0	75.0%
120439	Chinese meal class	8		2					6	0	25.0%
120843	Art edition design class (1)	5	4				1			0	80.0%
	Art edition design class (2)	5	3	1			1			0	80.0%
	Baking and meal	15	0	11	2				2	0	86.7%
	Cleaning maintenance (1)	7	5		1				1	0	85.7%
	Cleaning maintenance (2)	10	5	1	3				1	0	90.0%
112831	Remote individual computer plane art design home training	10		5	1			2	2	0	60.0%
112934	Massage training class (1 year)	20	8	3	1	1	1	2	4	0	65.0%
112935	Food baking	10	3		4				2	-1	70.0%
120137	Meal service and baking	12		7	3				2	0	83.3%
120438	Environment cleaning maintenance (1 <sup>st</sup> half year)	16	4	5	2			1	4	0	68.8%
	Environment cleaning maintenance (2 <sup>nd</sup> half year)	16	6	3	2			5		0	68.8%
120740	Food baking class	10	2	2	2	1	0	0	3	0	70.0%
	Meal service class	10	4	0	3	2	0	0	1	0	90.0%
	Argricultre class	10	4	1	3	0	0	1	1	0	80.0%
120741	Massage training class	12	8			1	1		2	0	75.0%
120842	Massage base class	15	9			5			1	0	93.3%
	Computer drawing class	15	9			1	1		3	-1	66.7%
120844	Auto cleaning class	6	1	3					2	0	66.7%
120845	Environment cleaning class	10	1	2	4				3	0	70.0%
	Handwork auto washing class	10	6	1	2					-1	90.0%
	Meal confection class	10	2		4			1	3	0	60.0%

It is to be noted that: Allocation rate = ( Tutorship employment population + Tutorship pioneering population ) / Training population. Therefore, the high allocation rate of some course

may represent that the course content accords with the demand of market; however, due to the short of data, the training population and the allocated population is different, and there are the untraceable population. If the difference is 0, it indicates that the training population and allocated population of the course are the same, and the complete trace after training is achieved.

In addition, there may be the students without contact after the training due to the error of filled data. For example, if the training population is more than the allocated population, it shall be noted with “-”, and this result may make the allocation rate lower; if the training population is less than the allocated population, it indicates there may be the possibility of repeated calculation when filling the course, therefore it shall be noted with “\*”; in other word, the course allocation rate with difference is not as referable as that without difference.

### **Chapter 3: Conclusion**

This research is to investigate the offering of employment skill vocational training for the disabilities by the vocational training units and the employment status of graduated students in recent 3 years (2004-2006) for the reference to further improve the training quality; therefore, how to increase the employment rate of graduated students is one of the emphasas of this vocational training investigation case.

The graduation and allocation condition reported by 45 vocational training units entrusted by the Bureau of Vocational Training shows: 1536 persons are allocated in total from 2004 to 2005, in which 1010 persons are tutorship employment, accounting for 65.8% of all allocated persons, 107 are pioneering tutorship, accounting for 7.0% of all allocated persons, 419 persons enters a higher school, hospitalize or do other things, accounting for 27.3%.

The allocation condition of students graduated in 2004: 727 students take part in the training in the year and 707 persons can be traced. In the traceable students, 461 are tutorship employment, accounting for 65.2% of all allocated persons of the year, 60 are pioneering tutorship, accounting for 8.5% of all allocated persons, 186 persons enters a higher school, hospitalize or do other things, accounting for 26.3%.

The allocation condition of students graduated in 2005: 874 students take part in the training in the year and 829 persons can be traced. In the traceable students, 549 are tutorship employment, accounting for 66.2% of all allocated persons of the year, 47 are pioneering tutorship, accounting for 5.7% of all allocated persons, 233 persons enters a higher school, hospitalize or do other things, accounting for 28.1%.

From the above-mentioned data we can find that the employment skill vocational training for disabilities held by the Bureau of Vocational Training is helpful for the employment of disabilities after the graduation, the units participating in the vocational training for disabilities are increased gradually, and the allocation condition also takes on the gradual increase tendency. It is obvious that the policy direction and effect of entrusted vocational training for disabilities is quite affirmative; we can take measures from the category of implemented vocational training and policy to improve the employment rate of graduated students and win more outstanding effect.

How to increase the employment rate of graduated students? The allocation condition of graduated students of each vocational training unit entrusted by the Bureau of Vocational Training in Table 3-1-8 indicates that the vocational training classes whose employment rate arrives at 100% include: meal class (2), environment cleaning maintenance class, auto cleaning maintenance class, small metal processing class, supermarket service class, clothes washing class, massage upper class (1), massage base class and auto cleaning class in 2004, and cleaning service, cooking cleaning, snack and service, clothes washing class, cleaning class and Chinese computer advanced studies class in 2005. We can find from the conclusion that the employment rate is relatively high in future if offering the above-mentioned vocational training classes for the disabilities to accept the vocational training, which can also be the reference to launch the vocational training class. In addition, the above-mentioned statement can also be the reference for the researchers to further explore this problem.

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