

2020 GLOBAL KOREA SCHOLARSHIP

Korean Government Scholarship Program

Application Guidelines for Undergraduate Degrees

(via Regional Universities for Natural Science & Engineering Majors)

1. Objectives

The Korean Government Scholarship Program for undergraduate degrees is designed to provide international students with opportunities to study at higher educational institutions in Korea for Bachelor-level degrees, which in turn will contribute to promoting the international exchange in education and to deepening the mutual friendship among countries.

2. Total Number of Scholars to Be Selected: 60 [from 72 countries]

※ Only those who hold citizenship of the countries below are eligible to apply.

Country	Quota	Country	Quota	Country	Quota	Country	Quota
Afghanistan		Egypt		Malaysia	3	Singapore	2
Angola		El Salvador		Mexico		Sri Lanka	
Armenia	2	Equatorial Guinea		Moldova	2	Sudan	
Azerbaijan	2	Ethiopia		Mongolia	2	Sweden	
Bangladesh		Fiji		Morocco		Tajikistan	2
Belarus	2	Gabon		Mozambique		Tanzania	
Bhutan		Georgia	1	Myanmar	2	Thailand	2
Bolivia		Ghana		Nepal		Timor-Leste	
Brazil		Guatemala		Nigeria		Trinidad and Tobago	
Brunei	2	India	3	Pakistan		Turkey	
Bulgaria		Indonesia	3	Panama		Turkmenistan	2
Cambodia	2	Iran		Paraguay		Uganda	
Canada		Japan		Peru		Ukraine	2
Chile		Jordan		Philippines	2	Uruguay	
Colombia		Kazakhstan	2	Poland		Uzbekistan	2
Congo(DRC)		Kenya		Russia	2	Venezuela	
Dominican Republic		Kyrgyzstan	2	Rwanda		Vietnam	3
Ecuador		Laos	2	Senegal		Yemen	

⊕ Among those 60 candidates, 51 candidates will be selected from the countries with the reserved quota and the remaining 9 candidates will be selected from the rest of the countries with no reserved quota.

3. Academic Programs: Bachelor's Degree Program (4 years) after preliminary Korean Language Program (1 year)

- ✦ Scholars must take the mandatory Korean language training at a language institution that will be designated by NIIED. The institution will be specified in the letter of invitation after the announcement of final successful candidates.
- ✦ Scholars must attain a certain level on TOPIK (Test of Proficiency in Korean) as required by NIIED before the completion of the one-year Korean language program. Otherwise, scholars are not allowed to proceed to the degree program.
- ✦ Scholars with level 5 or 6 on TOPIK will be exempt from the language program and must begin their Bachelor's degree program from March 2020.
- ✦ Scholars who receive TOPIK level 5 or 6 during the first 6 months of the language program may start their degree program in September 2020.

4. Available Universities and Fields of Study : 4-Year Bachelor's degree programs offered at 38 universities below.

1	Andong National University	11	Dongguk University, Gyeongju	21	Kangwon National University	31	Pusan National University
2	Busan University of Foreign Studies	12	Dongseo University	22	Keimyung University	32	Semyung University
3	Chonbuk National University	13	Hallym University	23	Kongju National University	33	Silla University
4	Chonnam National University	14	Handong Global University	24	Konyang University	34	Soonchunhyang University
5	Chosun University	15	Hannam University	25	Kumoh National Institute of Technology	35	Sunmoon University
6	Chungbuk National University	16	Hanseu University	26	Kyungpook National University	36	University of Ulsan
7	Chungnam National University	17	Hoseo University	27	Kyungshung University	37	Woosuk University
8	Daegu University	18	Inje University	28	Namseoul University	38	Yeungnam University
9	Daejeon University	19	Jeju National University	29	Pai Chai University		
10	Dong-A University	20	Jeonju University	30	Pukyong National University		

- ✦ **Attention!** Any degree program which takes more than 4 years to complete is NOT AVAILABLE under this scholarship program. All applicants cannot choose such degree programs (Examples: medicine, dentistry, architecture, and pharmacy)
- ✦ For more details on the available fields and majors, refer to the "University Information" file that is available to access in the GKS Notice board, on the Study in Korea website (www.studyinkorea.go.kr). All applicants must choose a major listed on the "University Information".

5. Qualifications: Prospective applicants must meet all of the following conditions.

- (1) **CITIZENSHIP:** An applicant and his or her parents must be citizens of one the countries listed on the above chart in #2 of this guideline.
- (2) **AGE:** An applicant must be under age 25 as of March 1, 2020 (Should be born after March, 1, 1995).
- (3) **HEALTH:** An applicant must be in good health, both physically and mentally.
 - ✦ Those with disabilities, but in good mental and physical health, are eligible to apply.
 - ✦ Those with severe illness are NOT ELIGIBLE to apply.

- (4) **LEVEL OF EDUCATION:** An applicant must have graduated or be expected to graduate from a high school as of March 1, 2020
- ✦ Those who have already achieved a Bachelor's degree or a higher degree are NOT ELIGIBLE to apply.
 - ✦ Those who have graduated or are expected to graduate from a high school in Korea are NOT ELIGIBLE to apply.
- (5) **GRADES:** An applicant must maintain the overall grade point average (CGPA) equivalent to or higher than any ONE of the followings:
- ✦ 2.64 on a 4.0 scale;
 - ✦ 2.80 on a 4.3 scale;
 - ✦ 2.91 on a 4.5 scale;
 - ✦ 3.23 on a 5.0 scale; or
 - ✦ Score: 80 points or above on a 100 point scale or be ranked within the top 20% throughout the entire high school period.[see **Appendix 2**]
 - ✦ If an applicant's high school has an evaluation system different from the above scales, see 7-(2)-⑨.
- (6) An applicant should never have been awarded with any scholarship programs from Korea for an undergraduate degree program.
- (7) An applicant must have no limitations in travelling abroad
- (8) Applicants who have proficiency in the Korean or English language will be given preference.
- (9) Descendants of the Korean War veterans will be given preference.
- (10) Only Engineering and Science majors will be selected.
- (11) Applicants from low income families or underprivileged backgrounds will be given preference.
- (12) An applicant is restricted to apply either for the Embassy, the Regional University, or the Associate Degree track.
- ✦ Applicants who apply for more than one track will be automatically disqualified and their applications will be eliminated.

6. Scholarship Benefits

- (1) Scholarship Period: March 1, 2020 ~ February 28, 2025 (1-year Language + 4-year Degree Program)
- (2) Scholarship Benefits
- ① **Airplane Ticket or Airfare:** The scholarship covers an economy class flight with the shortest route between a scholar's country and Korea. A one-way ticket to Korea will be offered to each scholar at the beginning of the scholarship program; another one-way ticket from Korea will be offered for those who complete their studies under the scholarship program.
 - ② **Monthly Stipend:** 900,000 KRW per month
 - ③ **Tuition:** The university entrance fee and tuition fee is covered by NIIED and the host university.
 - ④ **Settlement Allowance:** 200,000 KRW upon arrival
 - ⑤ **Scholarship Completion Grants:** 100,000 KRW upon completion of studies only for scholars returning back to their countries
 - ⑥ **Korean Language Training:** The full cost for the 1 year is covered by NIIED and the

language institution.

- ⑦ **Medical Insurance:** Scholars are covered by health insurance for major accidents and illnesses during their scholarship period.
- ⑧ **Korean Proficiency Grants:** Scholars with level 5 or 6 on TOPIK will receive 100,000 KRW won per month during the degree program.

(3) Notes

- ① NIIED does not cover the expenses for the domestic travel both in a scholar's home country and in Korea.
- ② Airfare for entry into Korea will not be provided to a grantee that has been staying in Korea as of the date of announcement of successful candidates
- ③ NIIED does not cover flight travel insurance of scholars entering Korea and returning back to their countries.
- ④ The medical fee is to be reimbursed through the insurance company to a scholar after he or she pays first. However, the expense for dental care or chronic disease will not be covered.
- ⑤ In case a scholar withdraws from the scholarship program within the first 3 months after entering Korea, he or she must return all the scholarship benefits offered, which includes the entry airfare, settlement allowance, monthly stipend, tuition, language training fees, Korean proficiency grants, and medical insurance.
- ⑥ The return flight ticket and the Scholarship Completion Grants will not be offered for those who withdraw from the scholarship program.
- ⑦ If a student temporarily leaves Korea during the language program, the allowance will not be given during the period student was absent in Korea. The allowance will not be given if a student's leave of absence period exceeds 30days during the degree program.

7. Required Documents

(1) Required Documents: **1 set of the original documents below:**

- ① Completed Application Form (Form 1)
- ② NIIED Pledge (Form 2)
- ③ Personal Statement (Form 3)
- ④ Study Plan (Form 4)
- ⑤ Two Recommendation Letters (Form 5)
 - ✦ Must be from two separate recommenders.
 - ✦ The letters must be written by someone who can give in-depth assessment on the applicant's abilities, including a high school teacher, principal, or academic advisor.
- ⑥ Completed Self Medical Assessment (Form 6)
- ⑦ Graduation Certificate of High School or Provisional Graduation Certificate
 - ✦ Those who are expected to graduate by March 1, 2020 may submit a provisional graduation certificate of high school.
- ⑧ High School Grade Transcript (including a description of the school's grading system)
- ⑨ Certificates of Citizenship of the Applicant and Parents (Examples: a birth certificate, a government-issued certificate indicating the parent-child relationship, a family register, or parents' passport copies)
- ⑩ Awards (Optional)
- ⑪ Applicants with certified scores on their proficiency in Korean or in English may be given preference. Some examples include the following:
 - ✦ Proficiency in Korea: TOPIK (Test of Proficiency in Korean)
 - ✦ Proficiency in English: TOEFL, TOEIC, or IELTS Academic (TOEFL ITPs are not

- acceptable)
- ⑫ DD214 or other relevant document to prove the family member's service at the Korean War
(applicable to Descendants of the Korean War Veterans Only)
- ⑬ Certificate of Health (Form 7, only for candidates who successfully pass the 2nd round of selection)
✚ The certificate of health must be completed and signed by a doctor.
- ⑭ Copy of the Applicant's Passport (only for candidates who successfully pass the 2nd round of selection)

(2) NOTES

- ① 1 set of the original documents should be put in a single envelope. Recommendation letters should be sealed by the recommenders and submitted with the seals unbroken.
- ② Original documents should be submitted. However, if copies are submitted, copies must be authenticated by the issuing institution, confirming that they are the same with the originals.
- ③ The applicant's name on the application form MUST be identical to the applicant's passport name.
- ④ If there is any inconsistency in the applicant's name or birth date on submitted documents, further evidential document must be submitted as verification.
- ⑤ Any applicant, who submits a provisional graduation certificate at the time of applying, must submit his or her official graduation certificate of high school upon arrival in Korea, no later than March 1, 2020.
- ⑥ The application documents must be arranged in the same order as written on the "Checklist" in the FORM 1. Each document may be stapled. However, DO NOT staple the entire application documents altogether, or put each document in a separate folder.
- ⑦ Application form and all other materials should be filled out either in Korean or in English. Any document issued in languages other than Korean or English MUST include official notarized translations.
- ⑧ All documents submitted must be A4 sized. If the document is smaller, attach it to A4 sized paper; if bigger, fold it to make it A4 sized.
- ⑨ The high school grade transcript must contain a description of the school's grading system. In case the transcript does not have information on the applicant's rank or percentile score, an applicant must submit an additional official certificate issued by the high school, confirming that the applicant's academic achievement meets the requirement written on 5-(5) above.
- ⑩ All documents must be numbered and labeled on the top right corner. (Example. ⑦ Graduation Certificate of High School)
- ⑪ Mailing address should be stated in full including the postal-code.
- ⑫ Submitted documents will not be returned to the applicant. The applicants are advised to make their own copies of all application documents.
- ⑬ Incomplete or incorrect documents will result in the disqualification of an applicant.

8. Application Deadline: To be decided by the Regional Universities [see Appendix 1]

- For details on the application deadline and the submission of application documents, applicants should contact the Korean Embassy, the Korean Education Center, or the Korean Cultural Center in their home countries, or in the neighboring countries if there is no Korean diplomatic missions in one's home country.

- ② The first round of selection will be conducted by the Korean Embassy: All applications submitted to NIIED by individual applicants or by the foreign embassies in Korea will NOT BE ACCEPTED and will be discarded.

9. Selection Procedures

Period	Details
early September 2019	[1st ROUND] <ul style="list-style-type: none"> Each university makes an announcement to open the application. Applicants must check the university's announcement for the deadline.
September ~ October 2019	The university conducts the first round of selection. <ul style="list-style-type: none"> Applicants submit the application documents to ONE university of their choice. Universities will conduct the interviews on applicants.
November 4, 2019	The universities forward the application documents of selected candidates to NIIED.
November 7 ~ November 18 2019	[2nd ROUND] <ul style="list-style-type: none"> NIIED conducts the second round of selection through a selection committee. NIIED announces the result of the second round of selection on the GKS Notice board at www.studyinkorea.go.kr.
~December 4	<ul style="list-style-type: none"> Candidates who pass the second round must submit the passport copy and the certificate of health (FORM 7) to the universities..
January 9, 2020	NIIED announces the final successful candidates on the GKS Notice board at www.studyinkorea.go.kr .
January ~ early February 2020	The universities inform the scholars of their entry to Korea. <ul style="list-style-type: none"> Scholars must get their visa issued, check their entry flight itinerary and make preparations to enter Korea.
February 24 ~ 25 2020	Entry to Korea

※ NOTES

- ① Applicants must follow the NIIED's regulations throughout the application procedure.
- ② Applicants must write the university and major of their choice in the Forms 1, 4, and 5. Applicants must choose ONE university and ONE major, listed on the "University Information".
- ③ When choosing the preferred universities and majors, please contact your preferred universities in advance for further information. (See Appendix 1 for university contact information.)
- ④ Additional documents might be required to be submitted depending on the university or department, especially for majors in the field of fine arts, music or physical education. If asked so, the applicants must submit the requested documents to the university.
- ⑤ **Attention!** A candidate who fails to receive admission to any one of the three universities will NOT BE SELECTED as a GKS scholar.

- ⑥ Transferring or changing a university is NOT allowed after the confirmation of an applicant's final choice of a university.
- ⑦ Regardless of university admission, all scholars must achieve the TOPIK level 3 as required by NIIED before the completion of the 1-year Korean language program. Any scholar who fails to do so cannot proceed to his or her degree program.

10. Other Important Information

(1) Entry

- ① Scholars must arrive in Korea between February 24th and 25th, 2020. In case a scholar does not enter Korea by these dates, his or her scholarship will be canceled.
- ② Prior to arrival, all scholars should study about Korea, Korean language and culture. In particular, we advise grantees learn as much Korean as possible since most classes at a Korean university are taught in Korean. Below are some websites that scholars will find useful when preparing for their studies in Korea.

Learning Korean	www.sejonghakdang.go.kr
Korean Portal	www.korea.net
Ministry of Foreign Affairs	www.mofa.go.kr
Visa and Immigration	www.immigration.go.kr
	www.hikorea.go.kr
Higher Education in Korea	heik.academyinfo.go.kr

(2) Housing

- ① Scholars will live in a university dormitory.
- ② The dormitory fee will be deducted out of the monthly stipend by the university.

(3) Cancellation of Scholarship and Scholarship Withdrawal

- ① Cancellation of Scholarship: If a scholar is found engaged in any of the following activities during his or her stay in Korea, the scholarship will be canceled.
 - ✦ When any documents of the scholarship application has been found false;
 - ✦ When a scholar violates the NIIED regulations s/he has pledged to keep;
 - ✦ When a scholar fails to abide by the academic guidelines and regulations set by NIIED;
 - ✦ When a scholar receives a discipline from the university or has participated in political activities.
 - ✦ When a scholar acts in a way that harms the reputation of the scholarship and/or the relevant institutions;
 - ✦ When a scholar fails to reach a TOPIK level required by NIIED within the period of one year language program;
 - ✦ When a scholar earns less than 2/3 of the registered credits of a semester;
 - ✦ When a scholar leaves Korea for the purpose of joining an exchange program in another country;
 - ✦ When a scholar fails to notify NIIED of re-enrollment without any proper reasons after the end of a leave of absence;

- ⊕ When a scholar receives three warnings or more;
- ⊕ When a scholar forfeits the scholarship.

11. Contact

(1) Application & Document Submission: Korean Diplomatic Missions (See Appendix 1)

(2) Major & University Admissions: 38 Korean Universities (See Appendix 2)

(3) Other Inquiries: NIIED

- ⊕ Website: www.studyinkorea.go.kr (Scholarships > Government Scholarship > GKS Notice)
- ⊕ E-mail: kgspniied@korea.kr

[Appendix 1 - Contact Points - Application for University Admission]

The Designated Regional Universities

No	University	Person in Charge	Tel	Fax	E-mail address
1	Andong National University	Heo Yeonghui	82 54-820-7102	82 54-820-7108	anukorea@anu.ac.kr
2	Busan University of Foreign Studies	Kim Tae-jin	82 51 509 5329	82 51 509 5340	tj2020@bufs.ac.kr
3	Chonbuk National University	CHOI, HYE SEON	82-63-270-4757	82-63-270-2099	kgsp@jbnu.ac.kr
4	Chonnam National University	Eunhui CHA	82-62-530-1277	82-62-530-1269	chacha1052@jnu.ac.kr gradia@jnu.ac.kr
5	Chosun University	Sung-woo Lee	82-62-230-6498	82-62-608-5229	sungwoo2@chosun.ac.kr
6	Chungbuk National University	Soyoung Jeong	82-43-261-3293	82-43-268-2068	exchange@cbnu.ac.kr
7	Chungnam National University	Yim Jeeyoung	82-42-821-8055	82-42-823-5875	open_foreign@cnu.ac.kr
8	Daegu University	KIM, YONG SIK	82-53-850-5685	82-53-850-5689	oia@daegu.ac.kr
9	DAEJEON UNIVERSITY	SAMYOUL JUNG	82-42-280-2124	82-42-282-8533	ssamuel@dju.kr
10	Dong-A University	Brian Kay	82-51 200 6442	82-51 200 6445	bk1016@dau.ac.kr
11	Dongguk University, Gyeongju	Jeong, Seonghoon	82-54-770-2847	82-54-770-2385	iaae@dongguk.ac.kr, stardream@dongguk.ac.kr
12	Dongseo University	Lee Yoonseo	82-51-320-2746	82-51-320-2094	ysleee@dongseo.ac.kr
13	Hallym University	Lee Hanseo	82-33-248-1341	82-33-248-1349	iao11@hallym.ac.kr
14	Handong Global University	Esther Kim	82-54-260-1806	82-54-260-1769	eskim@handong.edu
15	Hannam University	Oh Seung-hwan	82-42-629-7747	82-42-629-7838	admission@hnu.kr
16	Hanseo University	Kim Dong Ho	82-41-660-1302	82-41-660-1301	louiskim@hanseo.ac.kr
17	Hoseo University	JIHYE KIM	82-41-540-9522	82-41-540-9524	jihyekim@hoseo.edu
18	Inje University	PARK CHO RONG	82-55-3203605	82-55-3335208	lala903@inje.ac.kr
19	Jeju National University	Taeyoung Kim	82-64-754-8241	82-64-702-0563	taeyoungc@jejunu.ac.kr
20	Jeonju University (http://www.jj.ac.kr)	Mr. Hyukjoo Lee	82-63-220-2887	82-63-220-2075	holyllove@jj.ac.kr
		Mr. Jeong Sang Seo	82-63-220-2122	82-63-220-2075	westtop@jj.ac.kr
		Mr. Jae-hyun Kim	82-63-220-3285	82-63-220-2075	hd1121@jj.ac.kr
		Mr. Sungkwan Choi	82-63-220-2705	82-63-220-2075	choi3906@jj.ac.kr
21	Kangwon National University	Junyong Lee	82-33-250-7194	82-33-259-5522	intn1947@kangwon.ac.kr
22	Keimyung University	MinShick Yoo(Mr.)	82-53-580-6557	82-53-580-6025	minseek@kmu.ac.kr
23	Kongju National University	Pyunghwa Lee	82-41-850-8054	82-41-850-8058	bon303@kongju.ac.kr
24	Konyang University	Yoon Hyuna	82 41 730 5134	82 41 730 5383	hyuna94@konyang.ac.kr
25	Kumoh National Institute of	Minah Kim	82-54-478-7216	82-54-478-7222	minah@kumoh.ac.kr

	Technology				
26	Kyungpook National University	Kim, Boo Tae	82-53-950-2433	82-53-950-2419	bootae@knu.ac.kr
27	Kyungsung University	Sarah Cho	82-51-663-4065	82-51-663-4069	sarahcho@ks.ac.kr
28	Namseoul University	SINJAE PARK	82-41-580-2778	041-582-2290	pwjuin@nsu.ac.kr
	Namseoul University	YOONJUN CHOI	82-41-580-2772	041-582-2290	yjchoi@nsu.ac.kr
29	Pai Chai University	Mr. Justin Jung Ik, Hwang	82-42-520-5243	070-4850-8306	heemang2@pcu.ac.kr
30	Pukyong National University	Jungeun Kim	82-51-629-6846	82-51-629-6910	jekim@pknu.ac.kr
31	Pusan National University	International Student Admission Team(GKS)	82-51-510-3636	82-51-510-3851	gkspnu@pusan.ac.kr
32	Semyung University	Yujin Shim	82-43-64-91185	82436447177	syj81@semyung.ac.kr
	Semyung University	Kim Kyowon	82-43-649-1182	82-43-644-7177	kyowon88@semyung.ac.kr
33	Silla University	Mr. Kim, Minsung	82-51-999-5512	82-51-999-5519	kms@silla.ac.kr
34	Soonchunhyang University	Lim Jaesam	82-41-530-1693	82-41-530-1381	sammy@sch.ac.kr
35	Sunmoon University (http://www.sunmoon.ac.kr)	Sang Youl, Baek	82-41-530-2034	82-41-530-2976	baekbb@sunmoon.ac.kr
36	University of Ulsan	Wonkyo JUNG	82-52-220-5952	82-52-224-2061	jwonkyo@ulsan.ac.kr
37	Woosuk University	Grace You	82-63-290-1240	82-63-290-1122	global@woosuk.ac.kr
38	Yeungnam University	JIWON BAEK	82-53-810-7886	82-53-810-4702	jwbaek@ynu.ac.kr

[Appendix 2]**C.G.P.A. Conversion Table**

4.0 Scale	4.3 Scale	4.5 Scale	5.0 Scale	100 Points Scale
3.97 ~ 4.0	4.26 ~ 4.3	4.46 ~ 4.5	4.95 ~ 5.00	100
3.92 ~ 3.96	4.22 ~ 4.25	4.41 ~ 4.45	4.90 ~ 4.94	99
3.88 ~ 3.91	4.17 ~ 4.21	4.36 ~ 4.40	4.84 ~ 4.89	98
3.84 ~ 3.87	4.12 ~ 4.16	4.31 ~ 4.35	4.79 ~ 4.83	97
3.80 ~ 3.83	4.08 ~ 4.11	4.26 ~ 4.30	4.73 ~ 4.78	96
3.75 ~ 3.79	4.03 ~ 4.07	4.21 ~ 4.25	4.68 ~ 4.72	95
3.71 ~ 3.74	3.98 ~ 4.02	4.16 ~ 4.20	4.62 ~ 4.67	94
3.67 ~ 3.70	3.93 ~ 3.97	4.11 ~ 4.15	4.57 ~ 4.61	93
3.62 ~ 3.66	3.89 ~ 3.92	4.06 ~ 4.10	4.51 ~ 4.56	92
3.58 ~ 3.61	3.84 ~ 3.88	4.01 ~ 4.05	4.45 ~ 4.50	91
3.49 ~ 3.57	3.75 ~ 3.83	3.91 ~ 4.00	4.34 ~ 4.44	90
3.41 ~ 3.48	3.65 ~ 3.74	3.81 ~ 3.90	4.23 ~ 4.33	89
3.32 ~ 3.40	3.56 ~ 3.64	3.71 ~ 3.80	4.12 ~ 4.22	88
3.24 ~ 3.31	3.46 ~ 3.55	3.61 ~ 3.70	4.01 ~ 4.11	87
3.15 ~ 3.23	3.37 ~ 3.45	3.51 ~ 3.60	3.90 ~ 4.00	86
3.07 ~ 3.14	3.27 ~ 3.36	3.41 ~ 3.50	3.79 ~ 3.89	85
2.98 ~ 3.06	3.18 ~ 3.26	3.31 ~ 3.40	3.68 ~ 3.78	84
2.90 ~ 2.97	3.09 ~ 3.17	3.21 ~ 3.30	3.57 ~ 3.67	83
2.81 ~ 2.89	2.99 ~ 3.08	3.11 ~ 3.20	3.45 ~ 3.56	82
2.72 ~ 2.80	2.90 ~ 2.98	3.01 ~ 3.10	3.34 ~ 3.44	81
2.64 ~ 2.71	2.80 ~ 2.89	2.91 ~ 3.00	3.23 ~ 3.33	80