

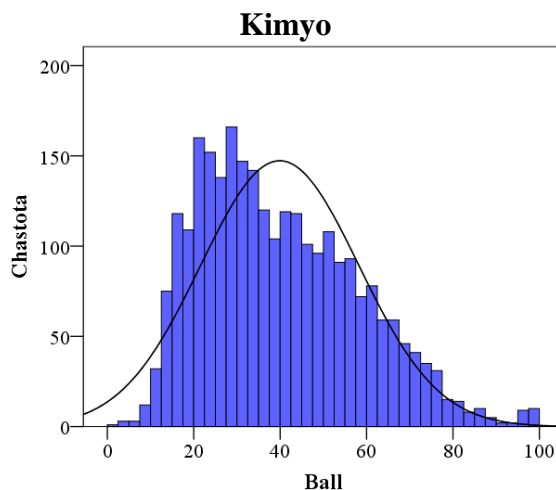
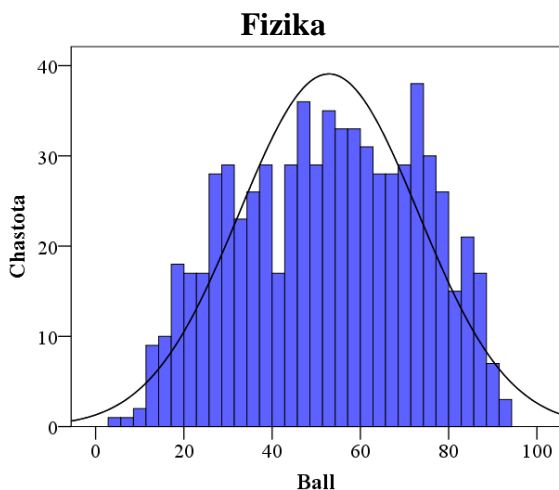
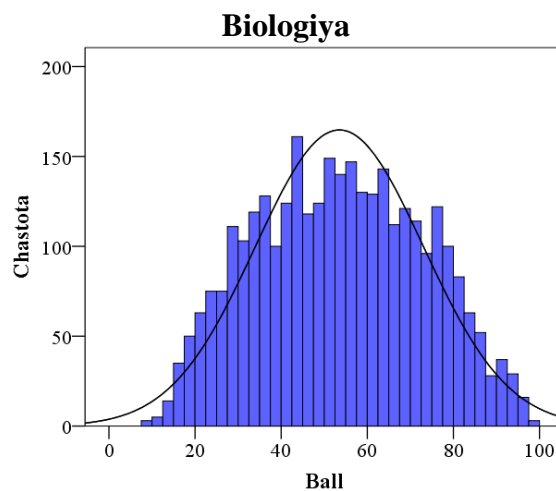
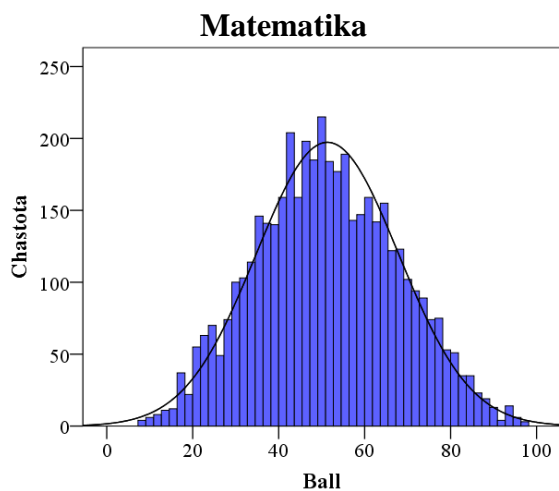
## Milliy sertifikat uchun matematika, biologiya, fizika va kimyo fanlaridan o‘tkazilgan test sinovi natijalarining tavsif statistikasi

O‘zbekiston Respublikasi Vazirlar Mahkamasining 2020-yil 12-oktabrdagi "Umumta’lim fanlarini bilish darajasini baholashning milliy test tizimini joriy etish to‘g‘risida" 646-son qarorida belgilangan vazifalar ijrosini ta’minlash maqsadida Davlat test markazi tomonidan 2022-yil 4- va 18-dekabr kunlari respublikaning barcha hududlarida matematika, biologiya, fizika va kimyo fanlaridan Milliy sertifikat uchun talabgorlar o‘rtasida test sinovlari o‘tkazildi.

### Milliy sertifikat uchun matematika, biologiya, fizika va kimyo fanlaridan o‘tkazilgan test sinovi natijalarining tavsif statistikasi ma’lumotlari

№	Fanlar	Test topshiruvchilar soni	O‘rtacha qiymat	Mediana	Moda	Dispersiya	Asimmetriya	Ekstsess
1.	Matematika	4506	51.33	50.80	49.0	274.294	0.094	-0.437
2.	Biologiya	3222	53.520	53.50	53.8	380.531	0.038	-0.833
3.	Fizika	695	52.845	53.60	26.9	410.766	-0.111	-0.961
4.	Kimyo	2704	39.900	36.85	22.8	335.226	0.591	-0.195

### Milliy sertifikat uchun matematika, biologiya, fizika va kimyo fanlari bo‘yicha ballar taqsimoti



**Milliy sertifikat uchun matematika, biologiya, fizika va kimyo fanlari bo'yicha test variantining ishonchlilik koeffitsiyenti (Kronbax alfa koeffitsiyenti) hamda o'lchashning standart xatoligi**

<b>№</b>	<b>Fanlar</b>	<b>Test variantining ishonchlilik koeffitsiyenti</b>	<b>O'lchashning standart xatoligi</b>
1.	Matematika	0.891	5.47
2.	Biologiya	0.918	5.59
3.	Fizika	0.927	5.47
4.	Kimyo	0.909	5.52