

Letter in First Position	Letter in Second Position																											
	space	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	
	a	0	10684	5187	4012	3368	2701	3645	1675	9233	6890	487	609	2684	5743	3059	6495	2766	210	2049	7289	13894	894	791	7469	0	1915	1
	b	1981	7	1562	1160	2447	8	473	899	6	1610	0	591	2879	1339	8132	16	856	0	4270	4903	5818	517	1731	348	11	1229	23
	c	13	292	7	0	1	4290	0	0	7	435	185	0	1029	4	1	670	0	0	325	156	111	1144	1	0	0	692	0
	d	78	1441	1	344	3	2575	0	0	2371	551	0	431	349	0	0	3195	0	100	331	7	1440	375	0	0	0	509	0
	e	11770	1114	8	1	215	2623	25	124	12	2019	1	1	151	86	69	964	0	1	244	428	21	240	100	22	0	407	0
	f	18631	3165	78	1802	5544	1960	709	333	154	1087	50	86	3312	1436	6349	98	653	198	11652	3739	2624	23	1430	389	745	1171	0
	g	4222	789	1	6	6	1145	588	2	8	847	0	0	136	0	2	2336	1	0	865	7	425	380	0	2	0	45	0
	h	3101	735	90	1	5	1322	2	35	1526	550	0	0	502	9	121	556	6	0	707	229	99	241	0	1	0	24	0
i	3499	6413	53	0	9	15044	11	0	4	4572	0	0	43	84	6	2662	0	0	166	75	947	275	0	4	0	78	0	
j	1946	735	338	1561	1368	1517	756	895	5	2	0	236	1779	1730	10291	2254	182	5	1481	4987	4988	22	927	1	56	0	770	
k	0	303	0	0	0	322	0	0	0	1	0	0	0	0	0	152	0	0	0	0	0	191	0	0	0	0	0	
l	702	17	1	1	0	1058	37	2	195	489	0	0	18	0	475	2	0	0	1	145	0	0	0	15	0	17	0	
m	2359	1490	5	32	1679	3652	629	19	4	3218	5	240	3163	77	27	1347	48	1	31	227	261	336	108	125	0	2493	0	
n	2134	1960	20	0	16	3237	58	0	1	1516	1	1	1516	1	1	1319	738	0	1	1129	360	8	728	0	1	829	0	
o	7516	801	29	0	1689	5730	4061	236	14	4878	38	366	408	24	786	3401	232	73	914	1576	3525	170	252	34	47	636	1	
p	5801	108	349	239	559	98	4081	108	101	339	89	394	1055	2282	6263	1326	630	4	4102	1141	2737	6369	542	1853	8	85	2	
q	255	1023	3	0	2	1748	1	10	123	430	0	0	932	5	0	1055	714	0	1494	164	402	185	0	3	0	129	0	
r	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	637	0	0	0	0	0	
s	8197	1431	58	701	862	7560	218	318	113	2127	1	204	464	467	619	2060	133	0	589	2043	1339	297	216	88	0	1337	0	
t	10421	1356	59	343	36	3915	129	35	2953	2212	0	99	141	134	21	1841	695	4	7	1926	3588	1527	2	130	0	65	0	
u	11489	1600	7	100	3	4719	91	1	14098	3279	0	0	703	128	76	5276	11	0	879	580	1206	770	0	241	1	786	37	
v	1237	461	245	1039	273	394	52	865	2	366	0	1	1784	249	1503	7	467	0	2640	1728	1995	0	1	0	0	5	3	
w	0	368	0	0	0	4334	0	0	0	886	0	0	0	0	0	245	0	0	1	0	0	3	0	0	0	8	0	
x	995	2738	2	7	6	1810	3	5	2345	2581	0	13	63	1	468	1075	1	0	131	99	2	0	0	12	0	0	0	
y	26	69	0	160	0	67	1	0	7	73	0	0	0	0	0	0	300	1	0	151	3	0	0	0	0	1	0	
z	7376	14	66	2	172	358	9	0	3	180	0	0	18	50	17	2231	7	0	18	469	189	0	0	8	0	2	0	
	0	659	0	0	0	34	0	0	0	6	0	0	4	0	0	0	0	0	0	0	0	0	0	37	0	97	101	

Note:
Numbers in the tables represent counts of the bigrams (digraphs).