

PART II. STATISTICAL DATA

SIMPLE instructions for the production of fatigue curves were forwarded to members of the National Association of Basketball Coaches. Results were received from thirty nine teams presenting one fatigue curve from each of 496 varsity basketball players. The tests had been given by different directors under different circumstances of grasp, interest, and accuracy.

The players, conditioned to basketball competition, demonstrated their particular and aggregate average approach and execution to an assigned task as shown in the following table. The inhibiting effects of fatigue become apparent in the figures of each team and the aggregate of all teams. The italic numbers present errors of application but the general pattern of declining

COLLEGE	No.	Inning										Appli- cation
		1	2	3	4	5	6	7	8	9	10	
Allegheny Col.	11	366	318	300	306	289	279	282	278	284	286	60%
Bethany	14	600	641	593	548	502	520	491	561	518	514	50%
Calif. Teachers	10	223	226	215	200	195	182	186	171	182	178	60%
Capitol U.	12	339	314	316	313	295	297	291	291	296	302	50%
Carnegie Tech	7	278	255	263	243	232	206	231	228	229	208	50%
Carroll Col.	16	642	581	578	569	534	533	526	548	526	537	70%
Cedar Rapids C.	10	342	377	372	377	359	363	359	367	370	363	30%
C.C. N.Y.	10	331	338	320	370	354	321	338	339	333	304	30%
Compton Jr. C.	9	213	222	209	206	207	203	194	218	217	217	50%
Concordia C.	16	362	368	349	360	340	335	357	322	314	332	40%
Creighton U.	12	339	310	299	284	280	272	275	272	264	276	70%
Evansville C.	12	319	316	307	296	302	289	286	294	289	309	60%
F. and M. C.	11	373	374	358	304	276	275	245	227	230	227	70%
Geneva	15	556	541	637	584	530	511	526	525	518	539	40%
Georgia Tech	8	241	231	226	223	202	197	187	191	181	175	90%
Grove City C.	11	375	382	376	368	374	356	351	351	353	347	50%
Harvard	10	264	250	255	234	229	234	228	224	232	258	60%
Ill. St. Norm.	16	376	368	348	332	314	317	311	317	327	354	60%
Illinois U.	15	592	546	535	476	463	452	438	451	442	466	70%
Missouri U.	16	449	429	405	373	356	349	379	353	357	351	60%
Montana S.	9	298	294	298	270	242	249	233	230	255	257	60%
Mount Union C.	20	827	886	829	826	826	851	849	812	901	816	40%
Nebraska U.	16	352	393	383	379	337	329	335	339	340	386	50%
Niagara U.	13	511	463	439	394	384	378	384	377	371	385	80%
Northwestern	16	425	383	372	354	341	315	304	309	279	305	80%
Ohio Northern	16	373	310	297	336	337	316	331	326	329	319	30%
Oregon U.	12	367	337	336	314	313	296	301	312	317	317	60%
Pittsburgh U.	12	291	276	270	253	247	252	229	235	243	239	60%
Purdue U.	16	438	440	410	400	382	373	363	358	354	344	90%
Slippery Rock	13	303	287	267	261	257	252	257	252	248	251	70%
So. Calif. U.	10	276	266	254	250	233	233	225	229	234	227	60%
So. Ill. Norm.	19	649	645	616	578	573	544	540	542	541	544	70%
Syracuse U.	16	782	766	718	674	637	606	609	595	574	631	80%
Temple U.	15	372	378	391	388	385	383	373	363	355	348	80%
West. Ontario	6	125	118	115	110	117	114	111	109	114	120	50%
West. Reserve	10	294	269	262	246	241	245	248	252	253	249	50%
Wisconsin U.	5	120	131	128	119	108	108	103	101	108	111	60%
Wooster Col.	15	446	388	339	329	331	311	308	343	308	332	60%
Wyoming U.	16	449	437	442	440	434	403	423	410	429	438	40%
496 15278 14864 14427 13887 13358 13049 13007 13022 13115 13212 70%												